



John

**From:** Thayer, Kris  
**Sent:** Tuesday, January 09, 2018 8:21 PM  
**To:** Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>  
**Cc:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>  
**Subject:** FW: Denka/Chloroprene Request for Correction - For Review

John – I think(?) you and Allen were working on the bulk of these?

**From:** Fleming, Megan  
**Sent:** Tuesday, January 9, 2018 12:30 PM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>  
**Cc:** Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>  
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Tina,

The IOAA's review is complete for ORD's response to the Chloroprene RfC. The IOAA concurs with this moving forward assuming comments are addressed. Attached is the compilation of comments from Bruce, Richard, and Jennifer. (You have already seen the comments from Bruce and Richard in separate emails from them, but this is the full compilation.) Please let me know if there are any questions.

Best,

Megan

Megan Fleming

Immediate Office of the Assistant Administrator

U.S. EPA Office of Research and Development

1200 Pennsylvania Avenue, N.W.

Washington, D.C. 20460

202-564-6604 (desk),

Exemption 6

**From:** Fleming, Megan

**Sent:** Monday, January 08, 2018 1:53 PM

**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>

**Cc:** Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>

**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Tina – an update on this: the ORD response letter for the Chloroprene RfC is with Jennifer. We hope to get this back to you by tomorrow.

Thanks,  
Megan

**From:** Fleming, Megan

**Sent:** Friday, January 5, 2018 10:10 AM

**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>

**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Yes, will do. Thanks, Tina!

Megan Fleming

Immediate Office of the Assistant Administrator

U.S. EPA Office of Research and Development

1200 Pennsylvania Avenue, N.W.

Washington, D.C. 20460

202-564-6604 (desk),

Exemption 6

**From:** Bahadori, Tina

**Sent:** Thursday, January 04, 2018 8:04 PM

**To:** Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>

**Cc:** Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>;  
Branch, Danielle <[branch.danielle@epa.gov](mailto:branch.danielle@epa.gov)>; McPherson, Mark <[McPherson.Mark@epa.gov](mailto:McPherson.Mark@epa.gov)>;  
Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>

**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Megan,

So great to know. Right now, you don't need to consolidate because we have already started working on Bruce's and Richard's issues. Just send us Jennifer's as soon as you can.

Thanks again,

Tina

**From:** Fleming, Megan

**Sent:** Thursday, January 4, 2018 5:03 PM

**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>

**Cc:** Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>;  
Branch, Danielle <[branch.danielle@epa.gov](mailto:branch.danielle@epa.gov)>; McPherson, Mark <[McPherson.Mark@epa.gov](mailto:McPherson.Mark@epa.gov)>;  
Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>

**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Tina – Thanks for asking. IOAA review is not yet complete as Jennifer still needs to review.

(You probably saw her response.) You will receive 3 separate responses this time (Bruce, Richard, and Jennifer), and I can consolidate into one IOAA response if that's helpful. I'm the Special Assistant POC for all IRIS-related reviews, so this is in my wheel house. We're working on the IOAA process now to streamline reviews, so hopefully next time this will be clearer.

Thank you,

Megan

Megan Fleming

Immediate Office of the Assistant Administrator

U.S. EPA Office of Research and Development

1200 Pennsylvania Avenue, N.W.

Washington, D.C. 20460

202-564-6604 (desk), 2

Exemption 6

**From:** Bahadori, Tina

**Sent:** Thursday, January 04, 2018 4:45 PM

**To:** Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>

**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Richard,

Thanks very much for getting back to us and for your feedback. We will review materials and



provide answers to your questions soon, likely next week.

Thanks again – we know we put a lot on your plates over the past few weeks.

Tina

**From:** Yamada, Richard (Yujiro)

**Sent:** Thursday, January 4, 2018 3:03 PM

**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>

**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Everyone,

A few comments and edits to the report. Some of the questions below are for internal purposes but I would like to know the answers (I don't have the original DPC doc in front of me). I enjoyed reading the systematic review doc – happy new year everyone,

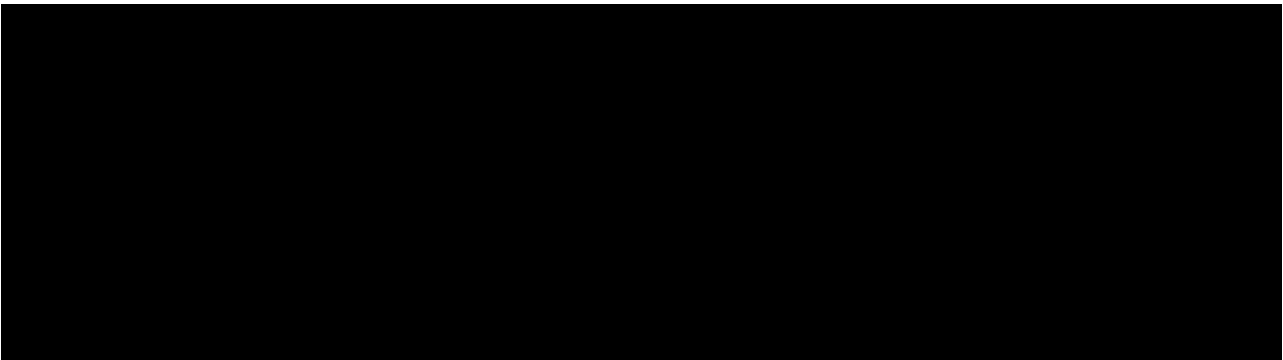
Richard

Section A

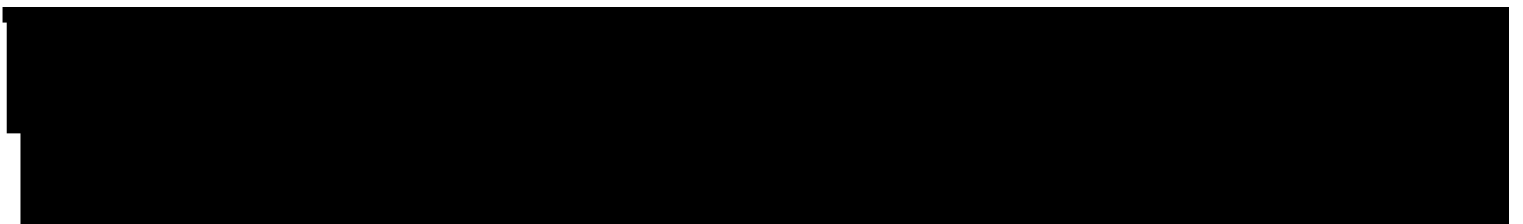


Section B

#1



#2



[REDACTED]

[REDACTED]

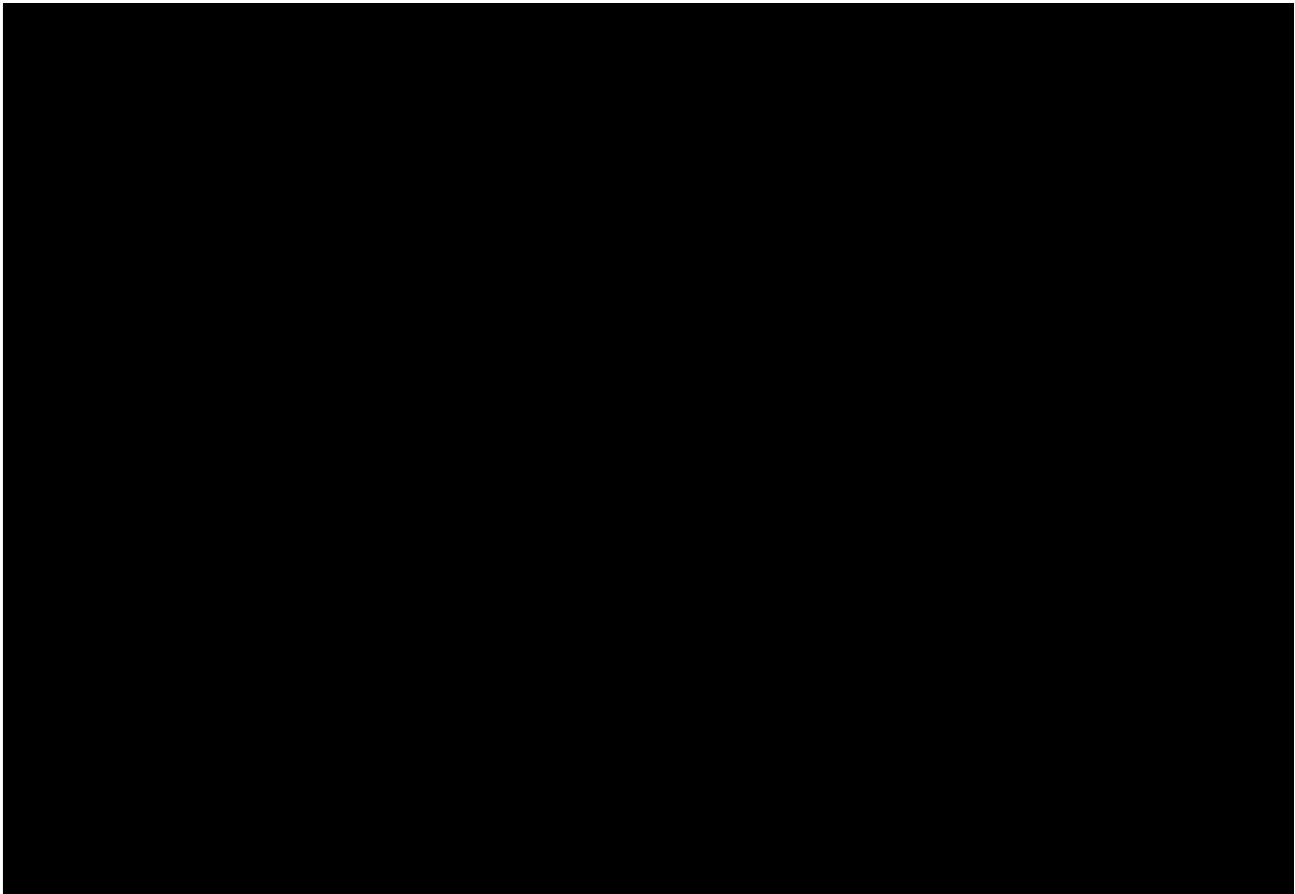
[REDACTED]

#3

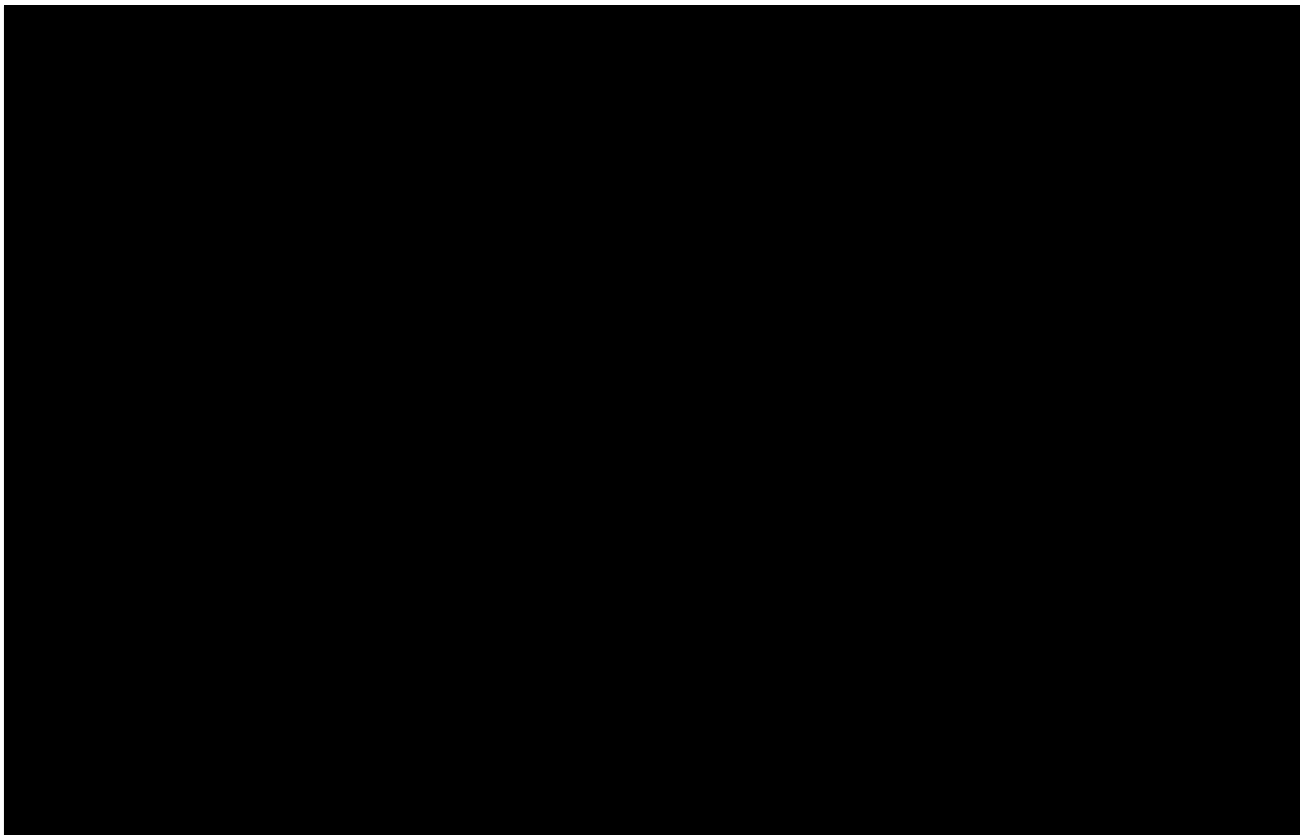
[REDACTED]

#4

[REDACTED]



#5





Part C



**From:** Bahadori, Tina  
**Sent:** Friday, December 29, 2017 5:39 PM  
**To:** Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>  
**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>  
**Subject:** Re: Denka/Chloroprene Request for Correction - For Review

Thank you Bruce for this excellent feedback. You hit the nail on the head about some of the issues we were also debating. We will incorporate your feedback, but if needed may set up a call with you to strategize on language.

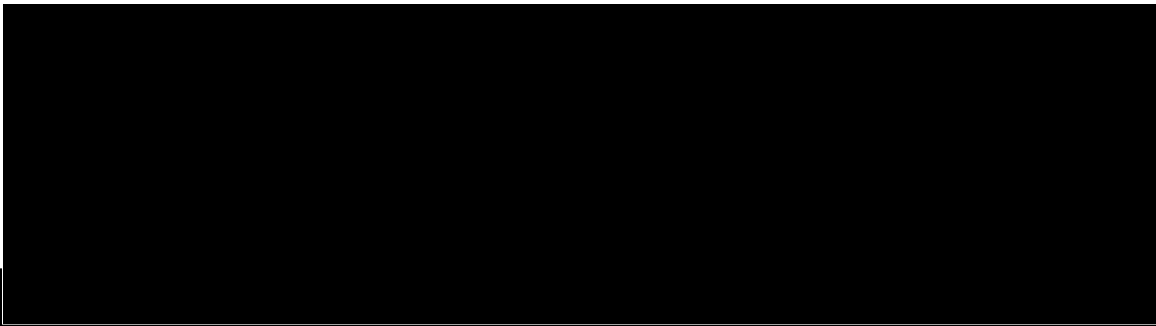
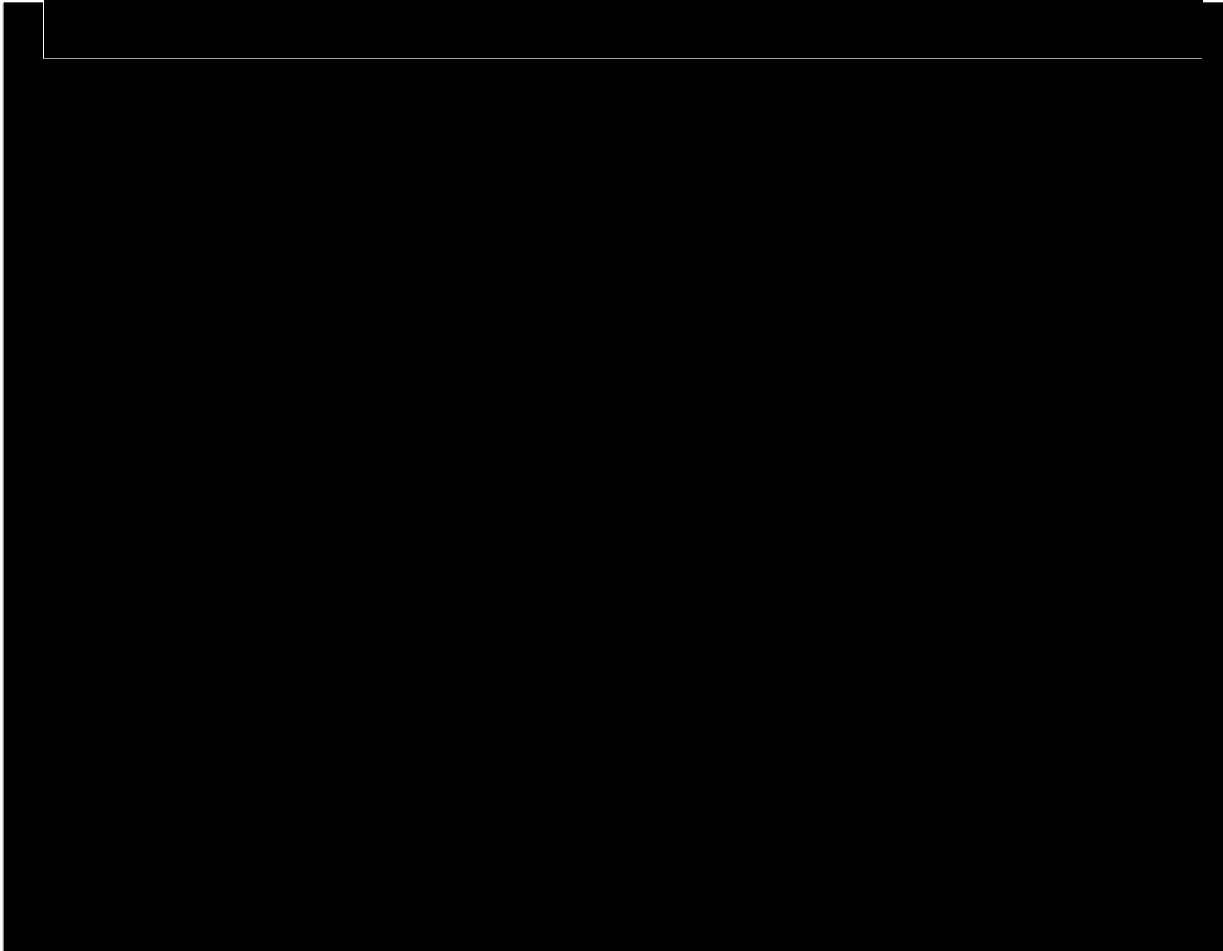
Have a very Happy New Year. See you on the other side.

Tina

On Dec 29, 2017, at 2:20 PM, Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)> wrote:

Tina et al.,

Hi. Nicely written responses. A few minor comments, one question:

A large rectangular area of the document is completely redacted with a solid black fill.A large rectangular area of the document is completely redacted with a solid black fill.



Bruce D. Rodan

Associate Director for Science

U.S. EPA, Office of Research and Development

**From:** Bahadori, Tina

**Sent:** Thursday, December 21, 2017 11:04 AM

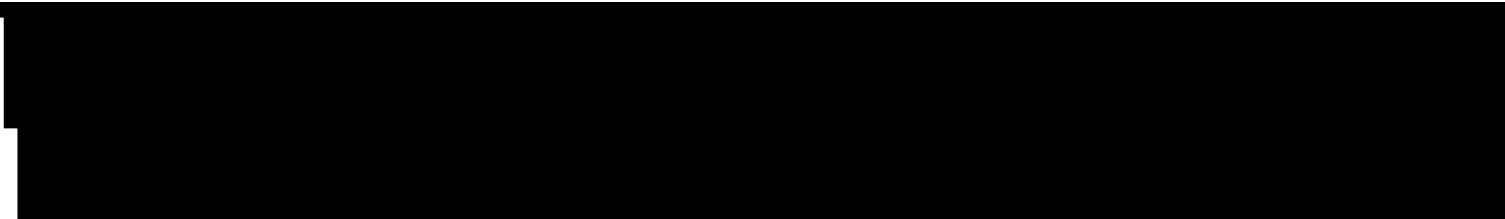
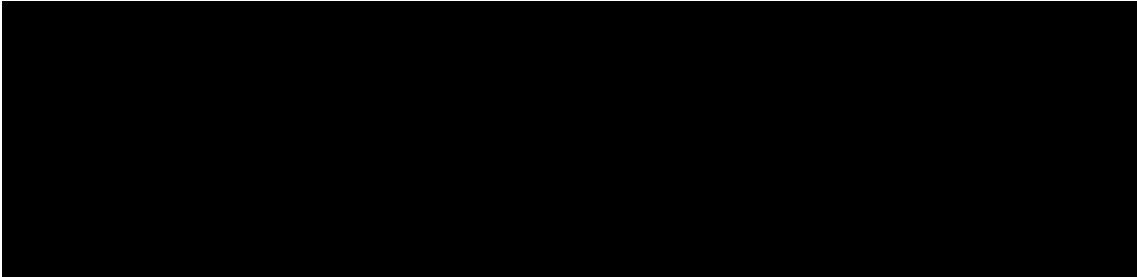
**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>

**Cc:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Denka/Chloroprene Request for Correction - For Review

Hello Everyone,

My apologies for bombarding you with requests – unfortunately we have some hefty deadlines in January. Recall that an NCEA team led by John Vandenberg and Kris Thayer have been working on a Response to a Request for Correction by Denka Polymers about the IRIS Chloroprene Assessment. Attached for your review is the current draft of the response to Denka that has two parts:



**As you know OEI has the lead on Requests for Correction.** And as you see below, OEI is already sharing this document with OMB to get their input on this version of the documents that has had input from OAR, OGC, OEI, and of course across NCEA. The deadline for responding to Denka is late January – although again, OEI controls the timeline for the process.

I am available to answer any questions you may have. It would be great to have your input by January 8<sup>th</sup>.

Thank you,

Tina

202-564-7903

**From:** Vandenberg, John  
**Sent:** Thursday, December 21, 2017 10:29 AM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>  
**Subject:** Fwd: EPA response - RFC 17002 IRIS Chloroprene

Heads up! Kevin went ahead and sent to OMB.

Sent from my iPhone

Begin forwarded message:

**From:** "Kirby, Kevin" <[KIRBY.KEVIN@EPA.GOV](mailto:KIRBY.KEVIN@EPA.GOV)>  
**Date:** December 21, 2017 at 10:26:55 AM EST  
**To:** "James H Kim@OMB.gov" <[James\\_H\\_Kim@OMB.gov](mailto:James_H_Kim@OMB.gov)>  
**Cc:** "Vandenberg, John" <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>, "Holloman, Vincia" <[Holloman.Vincia@epa.gov](mailto:Holloman.Vincia@epa.gov)>  
**Subject:** EPA response - RFC 17002 IRIS Chloroprene



Hello Jim,

Attached is EPA's draft response to RFC #17002, dealing with the IRIS assessment of chloroprene. The information owners in ORD prepared this draft and it has been reviewed by EPA Quality Staff and our OGC.

Could you please provide us with any comments or suggestions you may have on this draft response.

Thanks,

Kevin

Kevin J. Kirby,

Enterprise Data Architect

Enterprise Quality Management Division

Office of Enterprise Information Programs

Office of Environmental Information

US Environmental Protection Agency

(202) 566-1656 desk

Exemption 6

**To:** Vandenberg, John[Vandenberg.John@epa.gov]; Thayer, Kris[thayer.kris@epa.gov]  
**From:** Bahadori, Tina  
**Sent:** Wed 1/10/2018 4:06:39 PM  
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

John,

I thought I responded to your email about DOJ. Please go ahead and respond to Tracy and carefully manage that interaction. Completely OK with your approach. How did the briefing go yesterday?

T.

**From:** Vandenberg, John  
**Sent:** Wednesday, January 10, 2018 8:13 AM  
**To:** Thayer, Kris <thayer.kris@epa.gov>  
**Cc:** Bahadori, Tina <Bahadori.Tina@epa.gov>  
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Kris + Tina,

Yes, Allen is working on the responses now; I hope to have a revised letter and 2 attachments by this Friday. With a point by point response for Richard, JOZ and Bruce.

Tina, OGC is asking again about sharing with DOJ - I've not responded yet, did you have any comments on my draft note to Tracy Sheppard? I think it is Ok but need to wait for revised letter + 2 attachments. OK?

John

**From:** Thayer, Kris  
**Sent:** Tuesday, January 09, 2018 8:21 PM  
**To:** Vandenberg, John <Vandenberg.John@epa.gov>  
**Cc:** Bahadori, Tina <Bahadori.Tina@epa.gov>  
**Subject:** FW: Denka/Chloroprene Request for Correction - For Review

John – I think(?) you and Allen were working on the bulk of these?

**From:** Fleming, Megan

**Sent:** Tuesday, January 9, 2018 12:30 PM

**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>

**Cc:** Christian, Megan <Christian.Megan@epa.gov>; Kuhn, Kevin <Kuhn.Kevin@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>; Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>; Perry, Dale <Perry.Dale@epa.gov>

**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Tina,

The IOAA's review is complete for ORD's response to the Chloroprene RfC. The IOAA concurs with this moving forward assuming comments are addressed. Attached is the compilation of comments from Bruce, Richard, and Jennifer. (You have already seen the comments from Bruce and Richard in separate emails from them, but this is the full compilation.) Please let me know if there are any questions.

Best,

Megan

Megan Fleming

Immediate Office of the Assistant Administrator

U.S. EPA Office of Research and Development

1200 Pennsylvania Avenue, N.W.

Washington, D.C. 20460

202-564-6604 (desk),

Exemption 6

**From:** Fleming, Megan  
**Sent:** Monday, January 08, 2018 1:53 PM  
**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>  
**Cc:** Christian, Megan <Christian.Megan@epa.gov>; Kuhn, Kevin <Kuhn.Kevin@epa.gov>  
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Tina – an update on this: the ORD response letter for the Chloroprene RfC is with Jennifer. We hope to get this back to you by tomorrow.

Thanks,  
Megan

**From:** Fleming, Megan  
**Sent:** Friday, January 5, 2018 10:10 AM  
**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>  
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Yes, will do. Thanks, Tina!

Megan Fleming

Immediate Office of the Assistant Administrator

U.S. EPA Office of Research and Development

1200 Pennsylvania Avenue, N.W.

Washington, D.C. 20460

202-564-6604 (desk),

Exemption 6

**From:** Bahadori, Tina  
**Sent:** Thursday, January 04, 2018 8:04 PM

**To:** Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>  
**Cc:** Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>;  
Branch, Danielle <[branch.danielle@epa.gov](mailto:branch.danielle@epa.gov)>; McPherson, Mark <[McPherson.Mark@epa.gov](mailto:McPherson.Mark@epa.gov)>;  
Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>  
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Megan,

So great to know. Right now, you don't need to consolidate because we have already started working on Bruce's and Richard's issues. Just send us Jennifer's as soon as you can.

Thanks again,

Tina

**From:** Fleming, Megan  
**Sent:** Thursday, January 4, 2018 5:03 PM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>  
**Cc:** Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>;  
Branch, Danielle <[branch.danielle@epa.gov](mailto:branch.danielle@epa.gov)>; McPherson, Mark <[McPherson.Mark@epa.gov](mailto:McPherson.Mark@epa.gov)>;  
Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>  
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Tina – Thanks for asking. IOAA review is not yet complete as Jennifer still needs to review. (You probably saw her response.) You will receive 3 separate responses this time (Bruce, Richard, and Jennifer), and I can consolidate into one IOAA response if that's helpful. I'm the Special Assistant POC for all IRIS-related reviews, so this is in my wheel house. We're working on the IOAA process now to streamline reviews, so hopefully next time this will be clearer.

Thank you,

Megan

Megan Fleming

Immediate Office of the Assistant Administrator

U.S. EPA Office of Research and Development

1200 Pennsylvania Avenue, N.W.

Washington, D.C. 20460

202-564-6604 (desk),

Exemption 6

**From:** Bahadori, Tina

**Sent:** Thursday, January 04, 2018 4:45 PM

**To:** Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>

**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Richard,

Thanks very much for getting back to us and for your feedback. We will review materials and provide answers to your questions soon, likely next week.

Thanks again – we know we put a lot on your plates over the past few weeks.

Tina

**From:** Yamada, Richard (Yujiro)

**Sent:** Thursday, January 4, 2018 3:03 PM

**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>; Rodan, Bruce <rodan.bruce@epa.gov>

**Cc:** Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Robbins, Chris <Robbins.Chris@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>; Christian, Megan <Christian.Megan@epa.gov>; Fleming, Megan <Fleming.Megan@epa.gov>; Kuhn, Kevin <Kuhn.Kevin@epa.gov>; Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>; Perry, Dale <Perry.Dale@epa.gov>

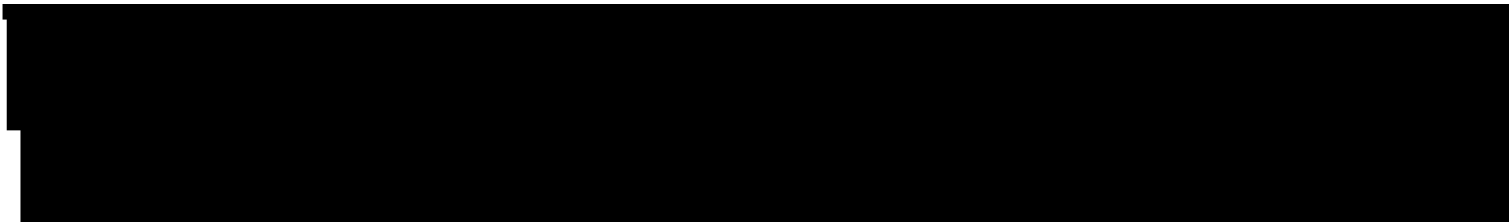
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

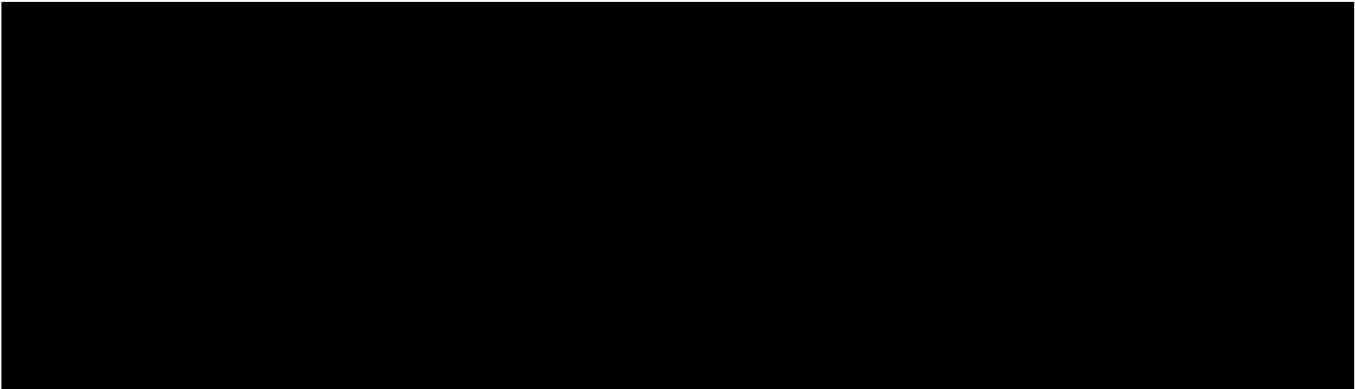
Hi Everyone,

A few comments and edits to the report. Some of the questions below are for internal purposes but I would like to know the answers (I don't have the original DPC doc in front of me). I enjoyed reading the systematic review doc – happy new year everyone,

Richard

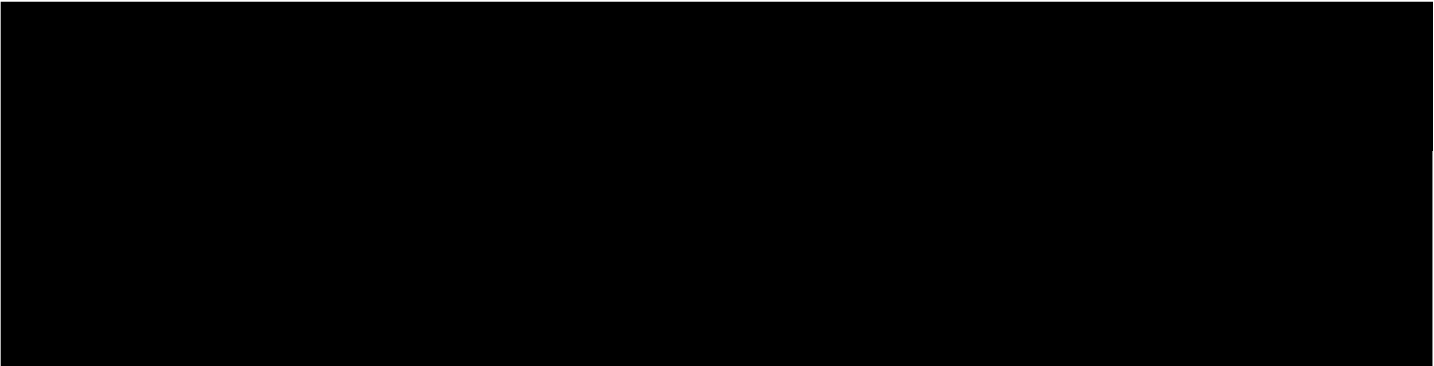
Section A



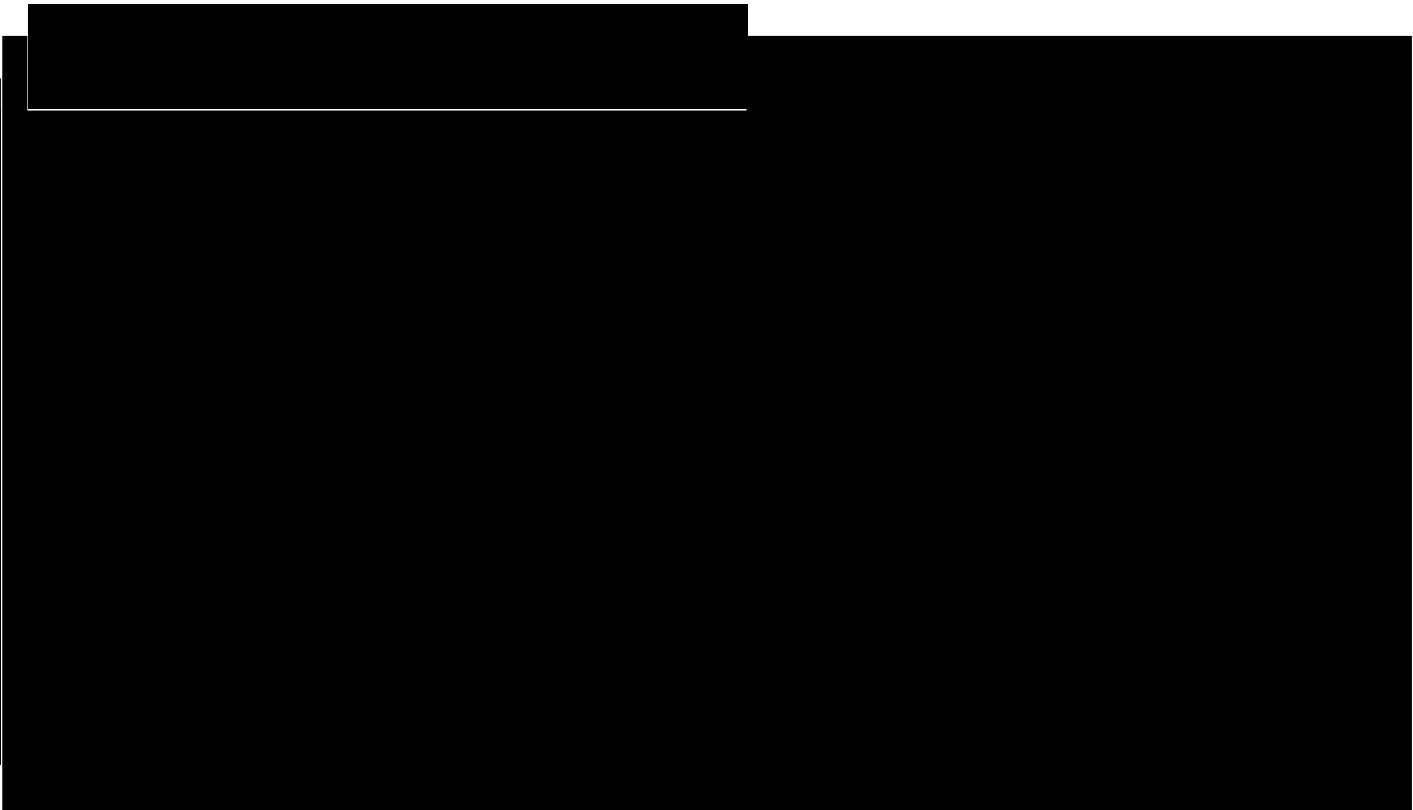


Section B

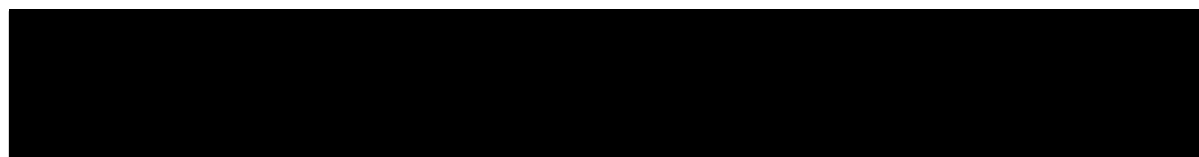
#1



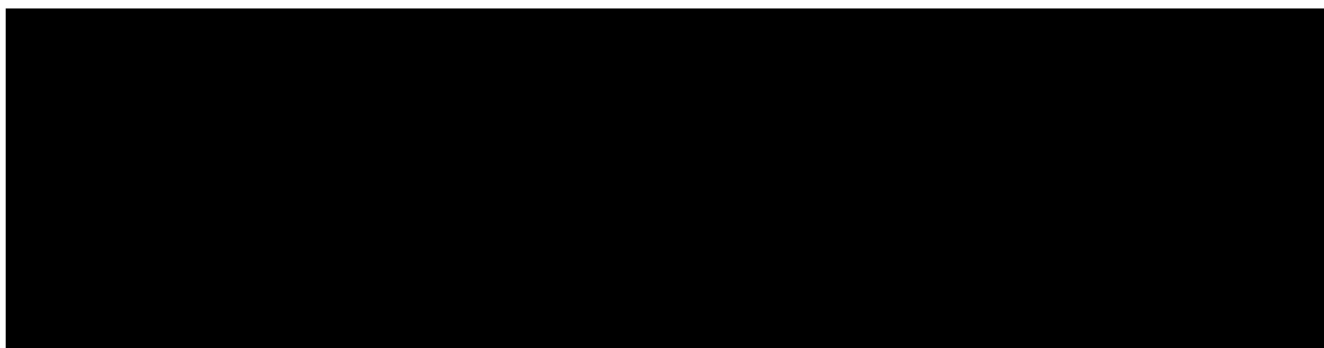
#2



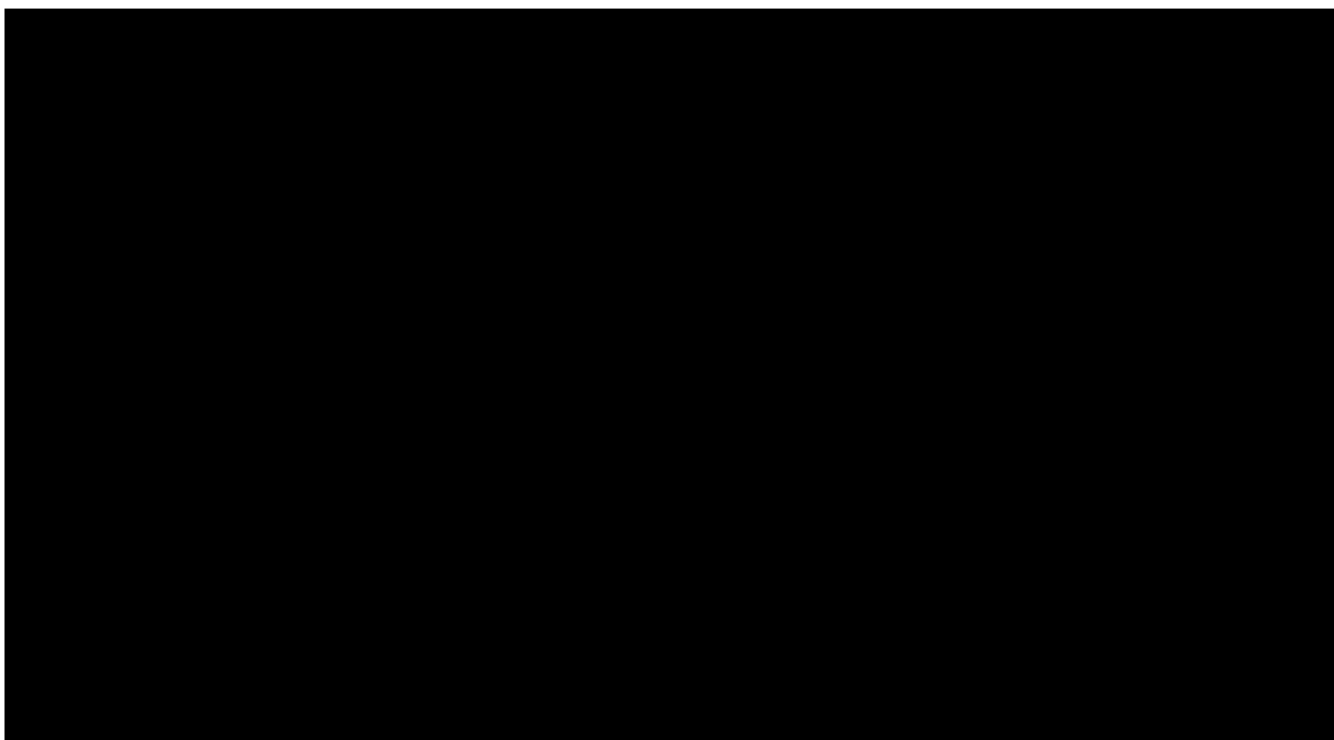




#3

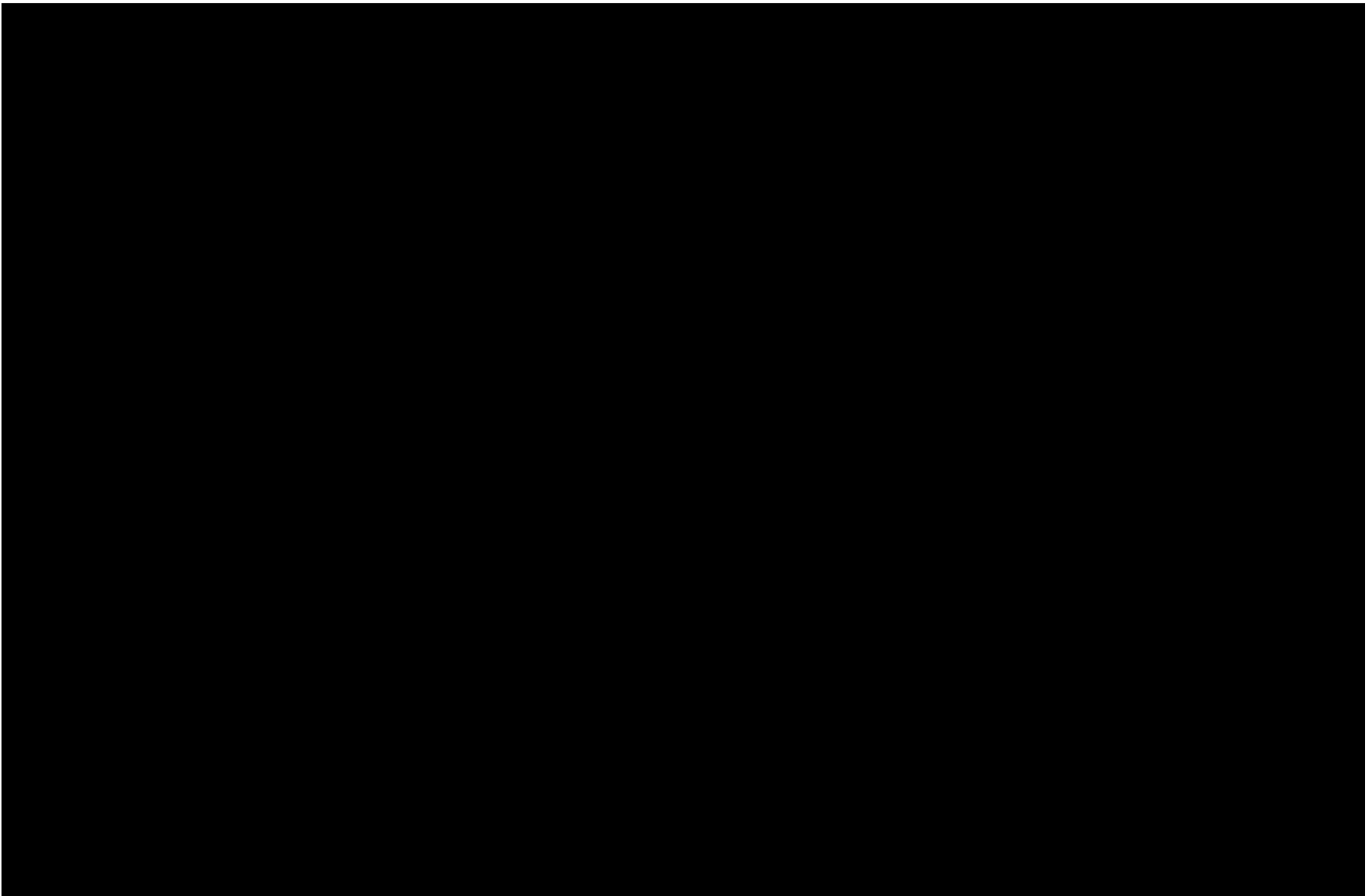


#4

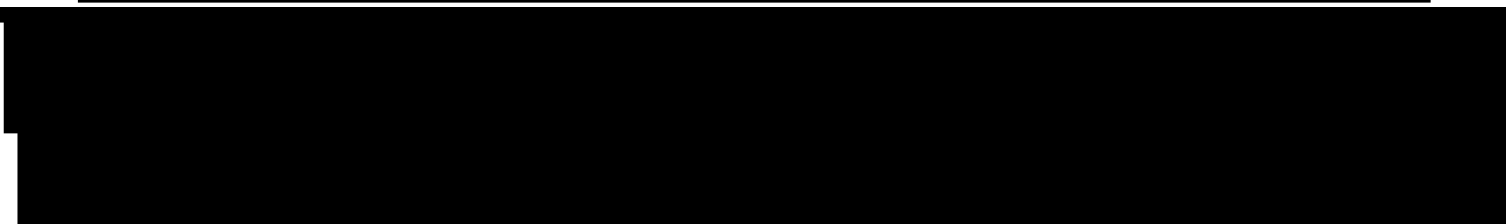
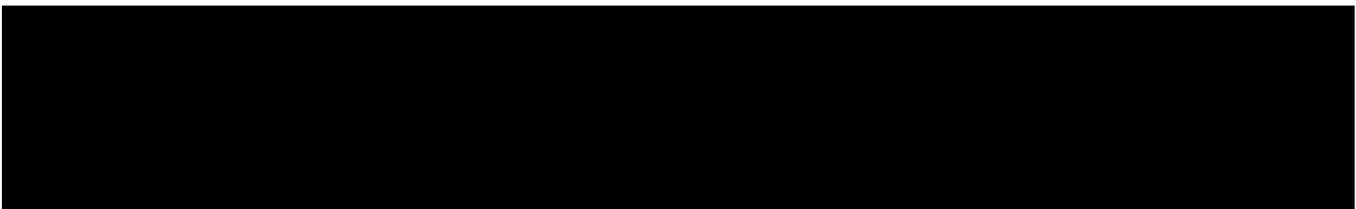




#5



Part C



**From:** Bahadori, Tina  
**Sent:** Friday, December 29, 2017 5:39 PM  
**To:** Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>  
**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>  
**Subject:** Re: Denka/Chloroprene Request for Correction - For Review

Thank you Bruce for this excellent feedback. You hit the nail on the head about some of the issues we were also debating. We will incorporate your feedback, but if needed may set up a call with you to strategize on language.

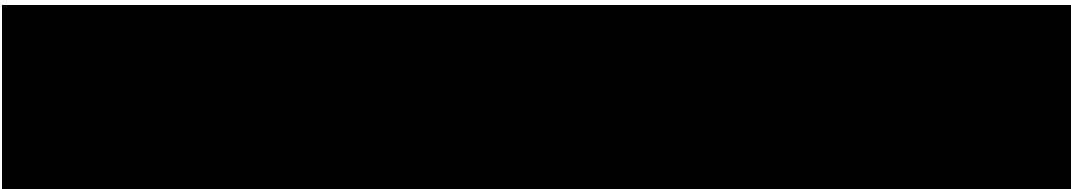
Have a very Happy New Year. See you on the other side.

Tina

On Dec 29, 2017, at 2:20 PM, Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)> wrote:

Tina et al.,

Hi. Nicely written responses. A few minor comments, one question:





Bruce D. Rodan

Associate Director for Science

U.S. EPA, Office of Research and Development

**From:** Bahadori, Tina

**Sent:** Thursday, December 21, 2017 11:04 AM

**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris  
<[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>; Yamada, Richard

(Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>

**Cc:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Denka/Chloroprene Request for Correction - For Review

Hello Everyone,

My apologies for bombarding you with requests – unfortunately we have some hefty deadlines in January. Recall that an NCEA team led by John Vandenberg and Kris Thayer have been working on a Response to a Request for Correction by Denka Polymers about the IRIS Chloroprene Assessment. Attached for your review is the current draft of the response to Denka that has two parts:

**As you know OEI has the lead on Requests for Correction.** And as you see below, OEI is already sharing this document with OMB to get their input on this version of the documents that has had input from OAR, OGC, OEI, and of course across NCEA. The deadline for responding to Denka is late January – although again, OEI controls the timeline for the process.

I am available to answer any questions you may have. It would be great to have your input by January 8<sup>th</sup>.

Thank you,

Tina

202-564-7903

**From:** Vandenberg, John  
**Sent:** Thursday, December 21, 2017 10:29 AM  
**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>  
**Subject:** Fwd: EPA response - RFC 17002 IRIS Chloroprene

Heads up! Kevin went ahead and sent to OMB.

Sent from my iPhone

Begin forwarded message:

**From:** "Kirby, Kevin" <KIRBY.KEVIN@EPA.GOV>  
**Date:** December 21, 2017 at 10:26:55 AM EST  
**To:** "James H Kim@OMB.gov" <James\_H\_Kim@OMB.gov>  
**Cc:** "Vandenberg, John" <Vandenberg.John@epa.gov>, "Holloman, Vincia" <Holloman.Vincia@epa.gov>  
**Subject:** EPA response - RFC 17002 IRIS Chloroprene

Hello Jim,

Attached is EPA's draft response to RFC #17002, dealing with the IRIS assessment of chloroprene. The information owners in ORD prepared this draft and it has been reviewed by EPA Quality Staff and our OGC.

Could you please provide us with any comments or suggestions you may have on this draft response.

Thanks,

Kevin



Kevin J. Kirby,

Enterprise Data Architect

Enterprise Quality Management Division

Office of Enterprise Information Programs

Office of Environmental Information

US Environmental Protection Agency

(202) 566-1656 desk

Exemption 6

**To:** Bahadori, Tina[Bahadori.Tina@epa.gov]  
**Cc:** Thayer, Kris[thayer.kris@epa.gov]; Ross, Mary[Ross.Mary@epa.gov]; Lavoie, Emma[Lavoie.Emma@epa.gov]; Vandenberg, John[Vandenberg.John@epa.gov]  
**From:** Jones, Samantha  
**Sent:** Fri 1/19/2018 12:20:54 AM  
**Subject:** Re: AAAARGHHHHHHH!!

Ridiculousness has become the new normal.

Sent from my iPhone

On Jan 18, 2018, at 7:17 PM, Bahadori, Tina <Bahadori.Tina@epa.gov> wrote:

Kuhn set it up from Richard's calendar. So technically he invited me.  
T.

On Jan 18, 2018, at 7:14 PM, Thayer, Kris <thayer.kris@epa.gov> wrote:

I didn't realize he was pressed for a timeline.  
And he accepted the meeting on Monday?

Sent from my iPhone

On Jan 18, 2018, at 7:11 PM, Bahadori, Tina <Bahadori.Tina@epa.gov> wrote:

But wouldn't commit to a timeline?

On Jan 18, 2018, at 7:11 PM, Thayer, Kris <thayer.kris@epa.gov> wrote:

I hope we are over-reacting and he just wants a final read...

Sent from my iPhone

On Jan 18, 2018, at 7:09 PM, Ross, Mary <Ross.Mary@epa.gov> wrote:

Delay factor? Richard was pushed to stall it?

**From:** Bahadori, Tina  
**Sent:** Thursday, January 18, 2018 7:09 PM

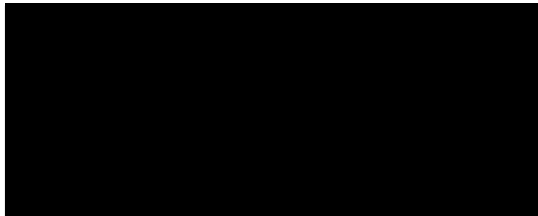


**To:** Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>  
**Cc:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha  
<[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; Lavoie, Emma  
<[Lavoie.Emma@epa.gov](mailto:Lavoie.Emma@epa.gov)>; Vandenberg, John  
<[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>  
**Subject:** Re:  
AAAARGHHHHHHH!!

I honestly don't know what to think.

T.

On Jan 18, 2018, at 7:07 PM, Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>  
wrote:

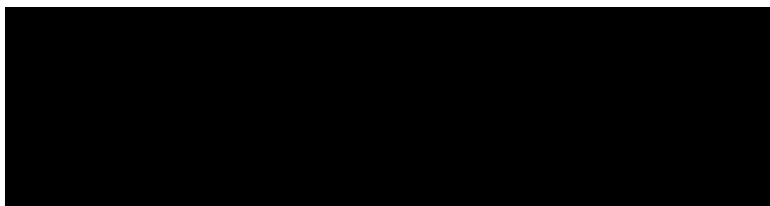


Sent from my iPhone

On Jan 18, 2018, at 6:39 PM, Bahadori, Tina  
<[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)> wrote:

See below – I am furious...but let's see how it unfolds. I also  
set up a meeting with Richard on Monday. He is off  
tomorrow.

**From:** Bahadori, Tina  
**Sent:** Thursday, January 18, 2018 6:34 PM  
**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris  
<[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>  
**Subject:** Need some advice





Tina

**From:** Yamada, Richard (Yujiro)  
**Sent:** Thursday, January 4, 2018 3:03 PM

**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>; Rodan, Bruce <rodan.bruce@epa.gov>

**Cc:** Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Robbins, Chris <Robbins.Chris@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>; Christian, Megan <Christian.Megan@epa.gov>; Fleming, Megan <Fleming.Megan@epa.gov>; Kuhn, Kevin <Kuhn.Kevin@epa.gov>; Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>; Perry, Dale <Perry.Dale@epa.gov>

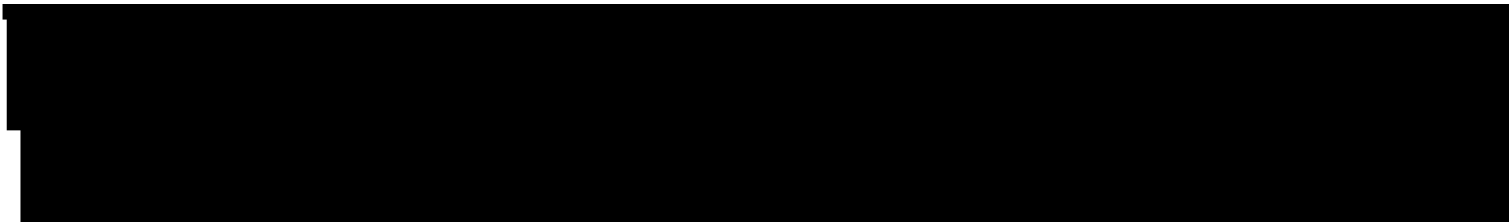
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Everyone,

A few comments and edits to the report. Some of the questions below are for internal purposes but I would like to know the answers (I don't have the original DPC doc in front of me). I enjoyed reading the systematic review doc – happy new year everyone,

Richard

Section A



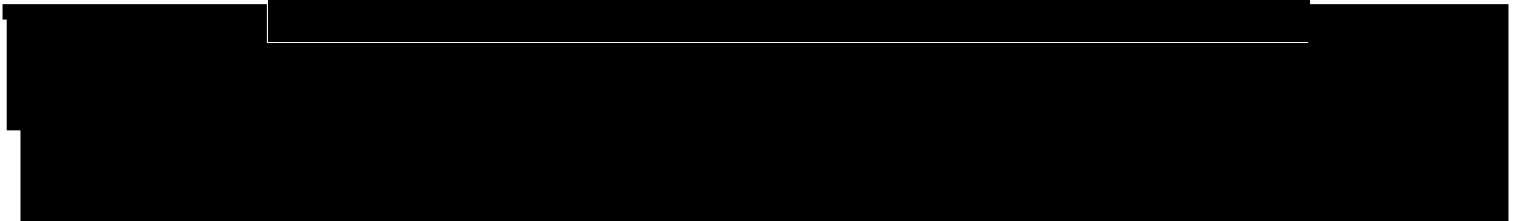


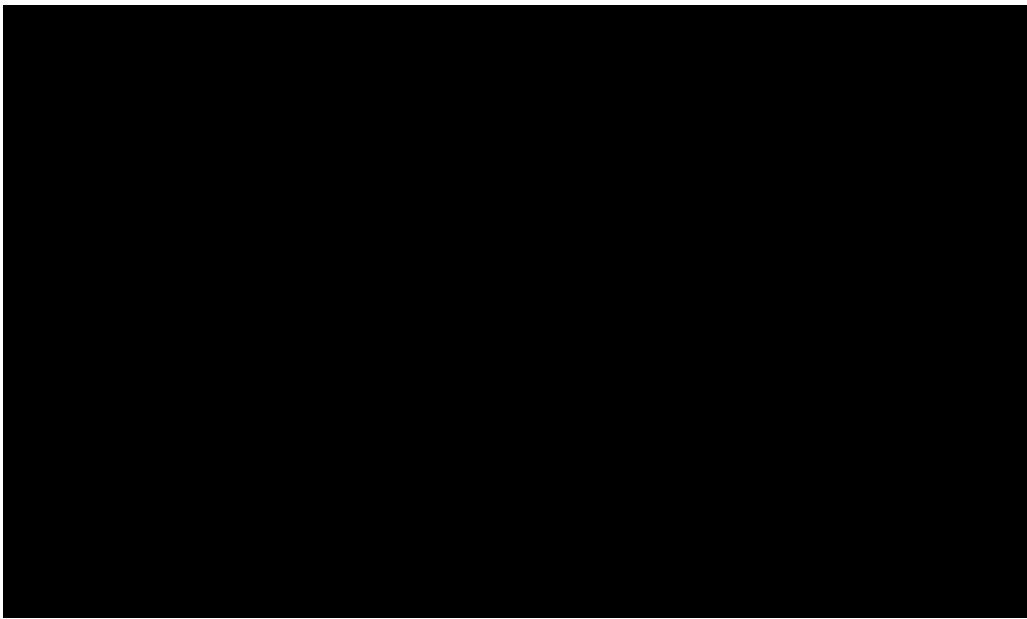
Section B

#1

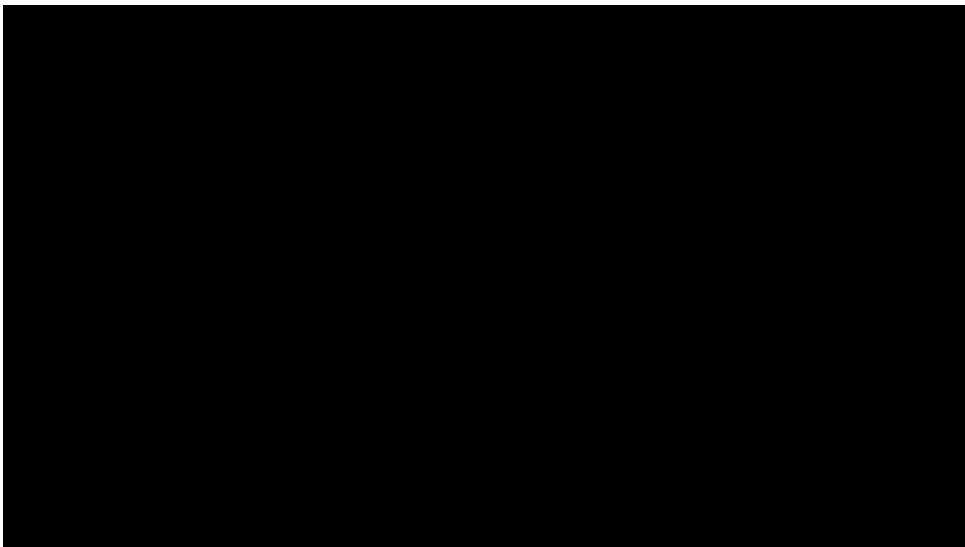


#2

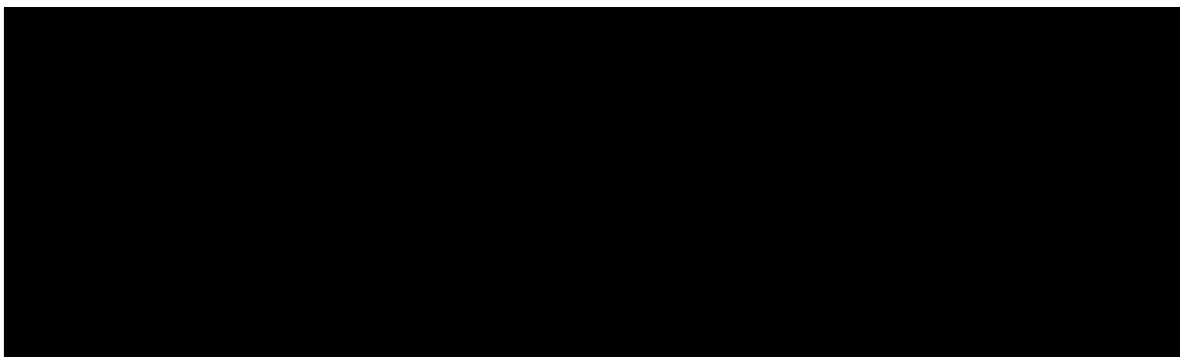


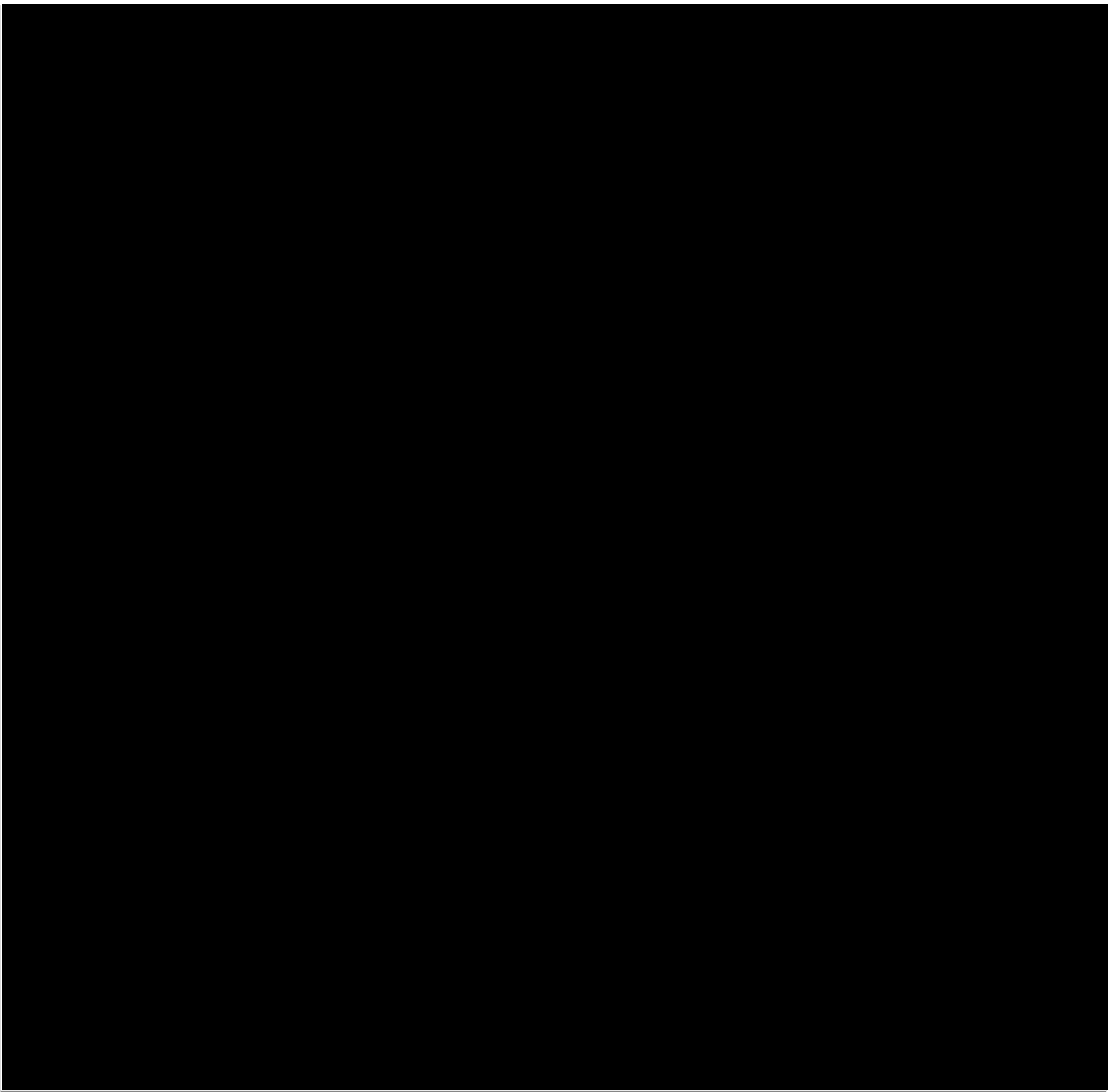


#3

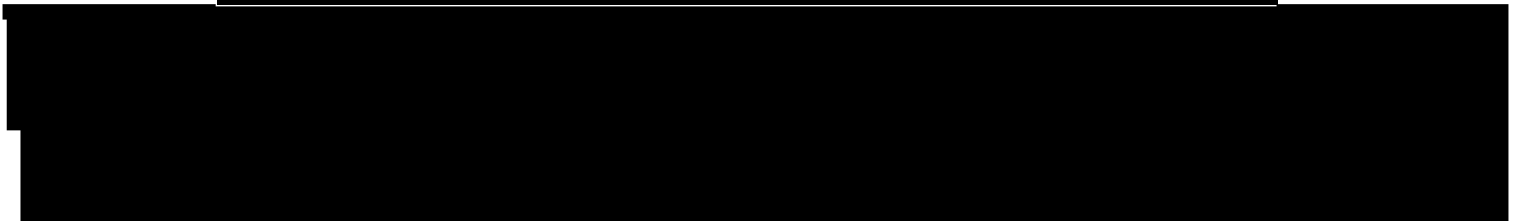
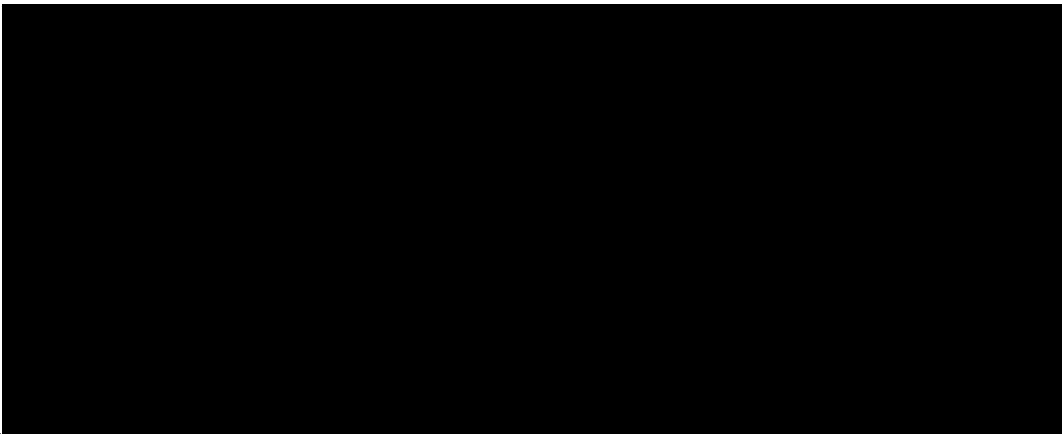


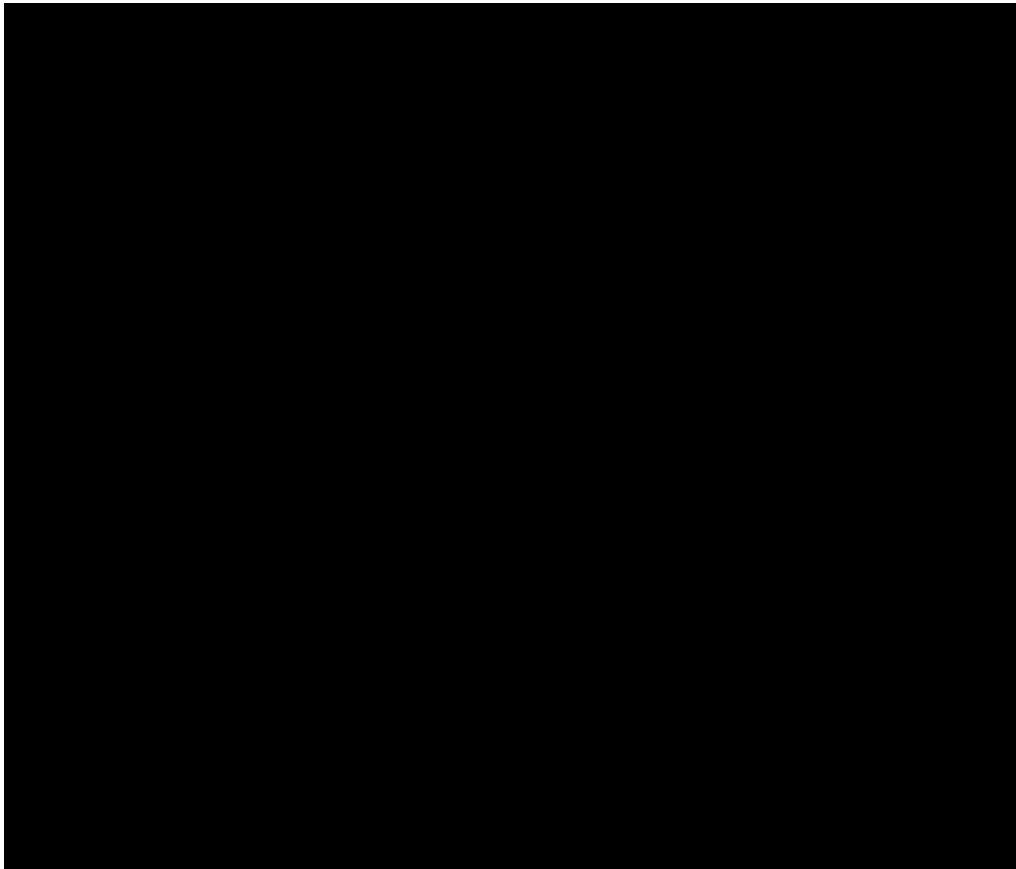
#4



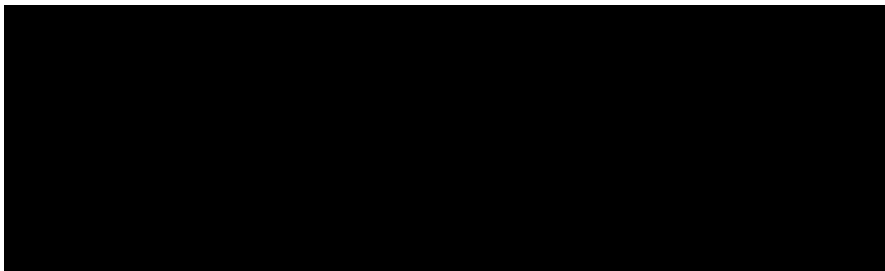


#5





Part C



**From:** Bahadori, Tina  
**Sent:** Friday, December 29, 2017 5:39 PM  
**To:** Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>  
**Cc:** Orme-Zavaleta, Jennifer <[Orme-](#)

[Zavaleta.Jennifer@epa.gov](mailto:Zavaleta.Jennifer@epa.gov)>; Robbins, Chris  
<[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Yamada, Richard (Yujiro)  
<[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Ross, Mary  
<[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha  
<[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis  
<[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John  
<[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris  
<[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan  
<[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan  
<[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin  
<[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth  
<[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale  
<[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Re: Denka/Chloroprene Request for Correction - For Review

Thank you Bruce for this excellent feedback. You hit the nail on the head about some of the issues we were also debating. We will incorporate your feedback, but if needed may set up a call with you to strategize on language.

Have a very Happy New Year. See you on the other side.

Tina

On Dec 29, 2017, at 2:20 PM, Rodan, Bruce  
<[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)> wrote:

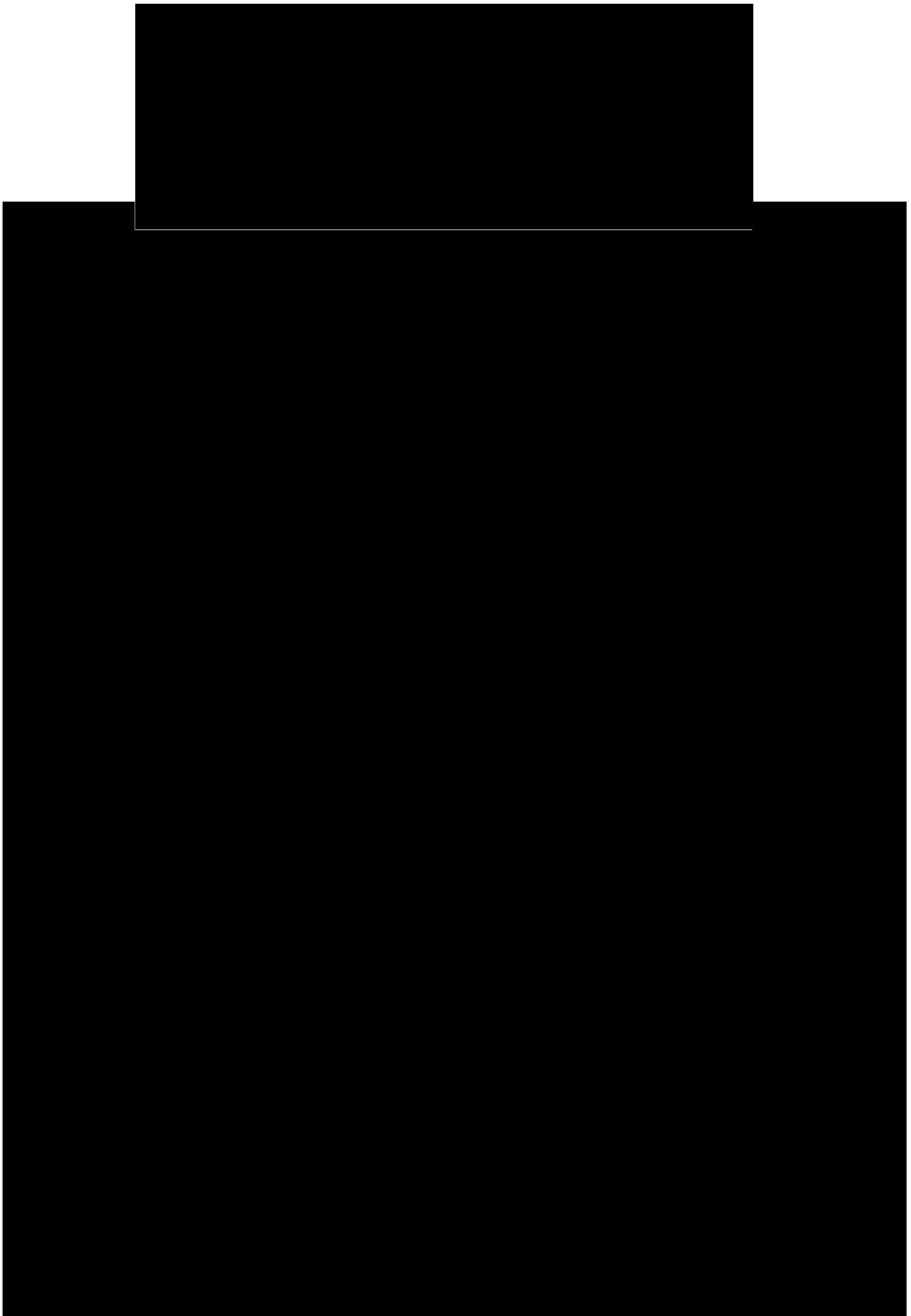
Tina et al.,

Hi. Nicely written responses. A few minor comments, one question:

[REDACTED]

[REDACTED]





Bruce D. Rodan

Associate Director for Science

U.S. EPA, Office of Research and Development

**From:** Bahadori, Tina

**Sent:** Thursday, December 21, 2017 11:04 AM

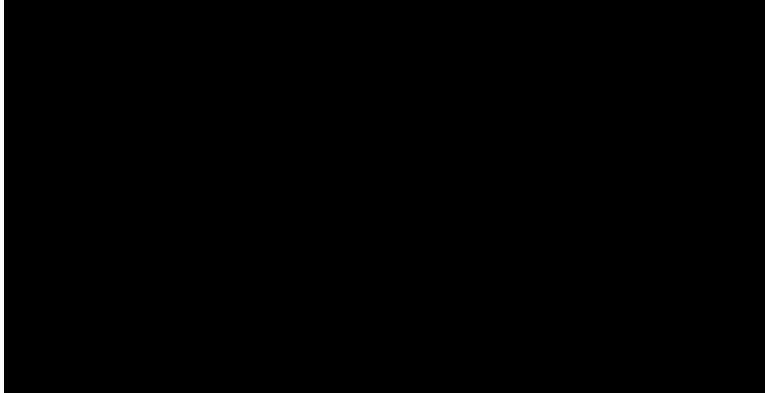
**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>

**Cc:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Denka/Chloroprene Request for Correction - For Review

Hello Everyone,

My apologies for bombarding you with requests – unfortunately we have some hefty deadlines in January. Recall that an NCEA team led by John Vandenberg and Kris Thayer have been working on a Response to a Request for Correction by Denka Polymers about the IRIS Chloroprene Assessment. Attached for your review is the current draft of the response to Denka that has two parts:



**As you know OEI has the lead on Requests for Correction.** And as you see below, OEI is already sharing this document with OMB to get their input on this version of the documents that has had input from OAR, OGC, OEI, and of course across NCEA. The deadline for responding to Denka is late January – although again, OEI controls the timeline for the process.

I am available to answer any questions you may have. It would be great to have your input by January 8<sup>th</sup>.

Thank you,

Tina

202-564-7903

**From:** Vandenberg, John  
**Sent:** Thursday, December 21, 2017 10:29 AM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>  
**Subject:** Fwd: EPA response - RFC 17002 IRIS

Chloroprene

Heads up! Kevin went ahead and sent to OMB.

Sent from my iPhone

Begin forwarded message:

**From:** "Kirby, Kevin"  
<KIRBY.KEVIN@EPA.GOV>  
**Date:** December 21, 2017 at 10:26:55 AM EST  
**To:** "James H Kim@OMB.gov"  
<James\_H\_Kim@OMB.gov>  
**Cc:** "Vandenberg, John"  
<Vandenberg.John@epa.gov>, "Holloman, Vincia"  
<Holloman.Vincia@epa.gov>  
**Subject:** EPA response - RFC 17002 IRIS  
**Chloroprene**

Hello Jim,

Attached is EPA's draft response to RFC #17002, dealing with the IRIS assessment of chloroprene. The information owners in ORD prepared this draft and it has been reviewed by EPA Quality Staff and our OGC.

Could you please provide us with any comments or suggestions you may have on this draft response.

Thanks,

Kevin

Kevin J. Kirby,

Enterprise Data Architect

Enterprise Quality Management Division

Office of Enterprise Information Programs

Office of Environmental Information

US Environmental Protection Agency

(202) 566-1656 desk

Exemption 6

[REDACTED]

[REDACTED]

[REDACTED]

**To:** Thayer, Kris[thayer.kris@epa.gov]  
**Cc:** Ross, Mary[Ross.Mary@epa.gov]; Jones, Samantha[Jones.Samantha@epa.gov]; Lavoie, Emma[Lavoie.Emma@epa.gov]; Vandenberg, John[Vandenberg.John@epa.gov]  
**From:** Bahadori, Tina  
**Sent:** Fri 1/19/2018 12:17:19 AM  
**Subject:** Re: AAAARGHHHHHHH!!

Kuhn set it up from Richard's calendar. So technically he invited me.  
T.

On Jan 18, 2018, at 7:14 PM, Thayer, Kris <thayer.kris@epa.gov> wrote:

I didn't realize he was pressed for a timeline.  
And he accepted the meeting on Monday?

Sent from my iPhone

On Jan 18, 2018, at 7:11 PM, Bahadori, Tina <Bahadori.Tina@epa.gov> wrote:

But wouldn't commit to a timeline?

On Jan 18, 2018, at 7:11 PM, Thayer, Kris <thayer.kris@epa.gov> wrote:

I hope we are over-reacting and he just wants a final read...

Sent from my iPhone

On Jan 18, 2018, at 7:09 PM, Ross, Mary <Ross.Mary@epa.gov> wrote:

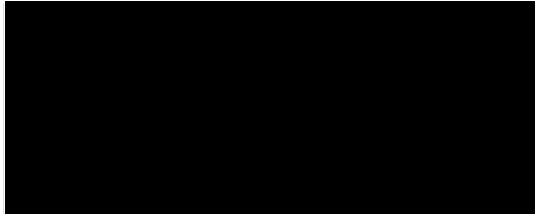
Delay factor? Richard was pushed to stall it?

**From:** Bahadori, Tina  
**Sent:** Thursday, January 18, 2018 7:09 PM  
**To:** Thayer, Kris <thayer.kris@epa.gov>  
**Cc:** Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>  
**Subject:** Re: AAAARGHHHHHHH!!

I honestly don't know what to think.

T.

On Jan 18, 2018, at 7:07 PM, Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)> wrote:

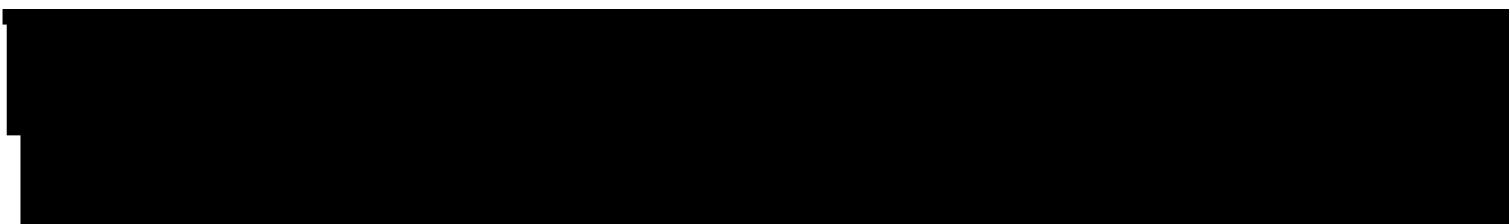
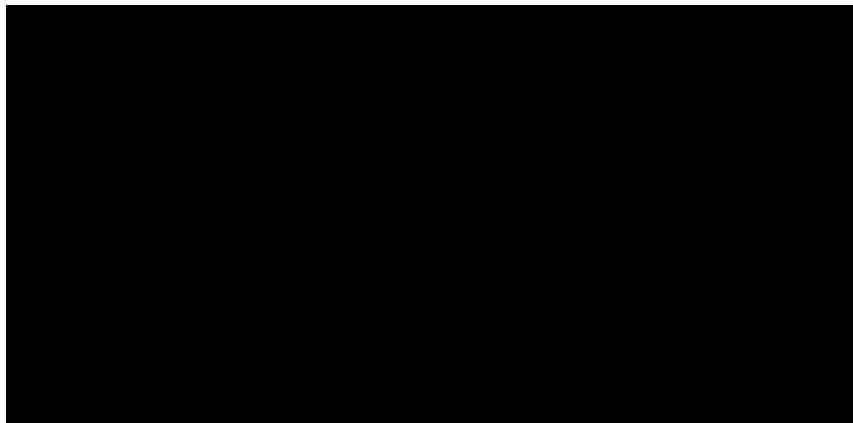


Sent from my iPhone

On Jan 18, 2018, at 6:39 PM, Bahadori, Tina  
<[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)> wrote:

See below – I am furious...but let's see how it unfolds. I also set up a meeting with Richard on Monday. He is off tomorrow.

**From:** Bahadori, Tina  
**Sent:** Thursday, January 18, 2018 6:34 PM  
**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>;  
Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>  
**Subject:** Need some advice





Tina

**From:** Yamada, Richard (Yujiro)  
**Sent:** Thursday, January 4, 2018 3:03 PM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>  
**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>



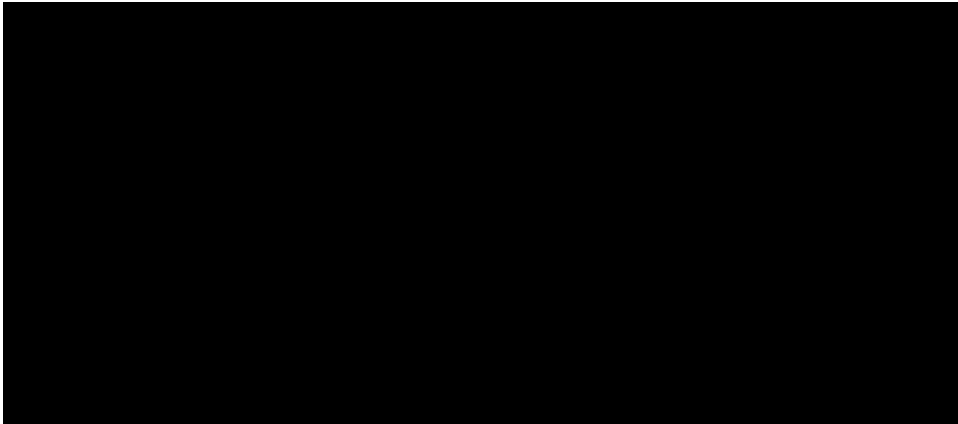
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Everyone,

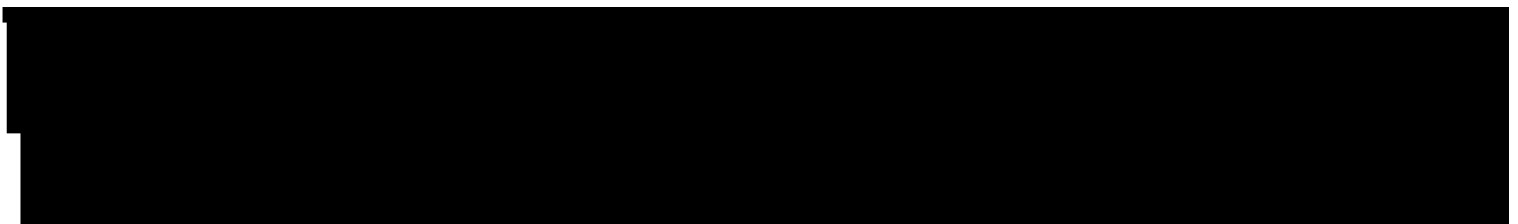
A few comments and edits to the report. Some of the questions below are for internal purposes but I would like to know the answers (I don't have the original DPC doc in front of me). I enjoyed reading the systematic review doc – happy new year everyone,

Richard

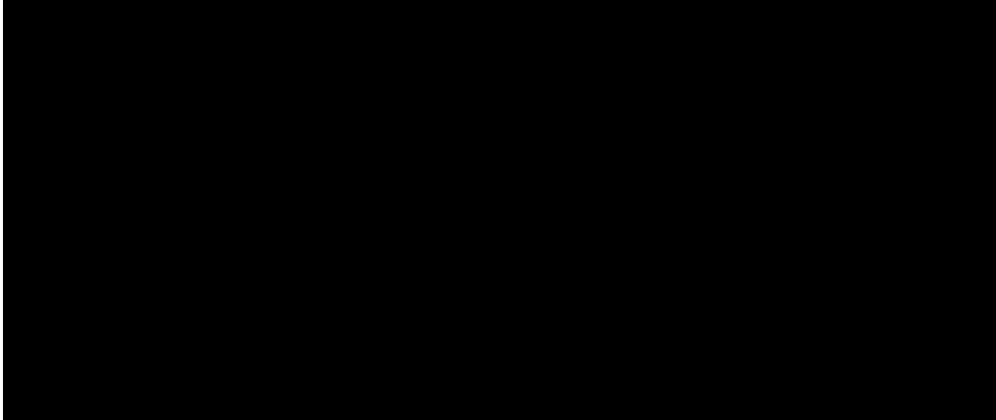
Section A



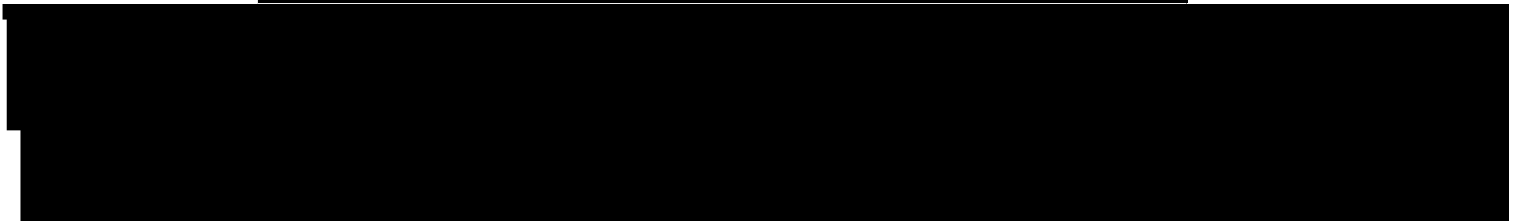
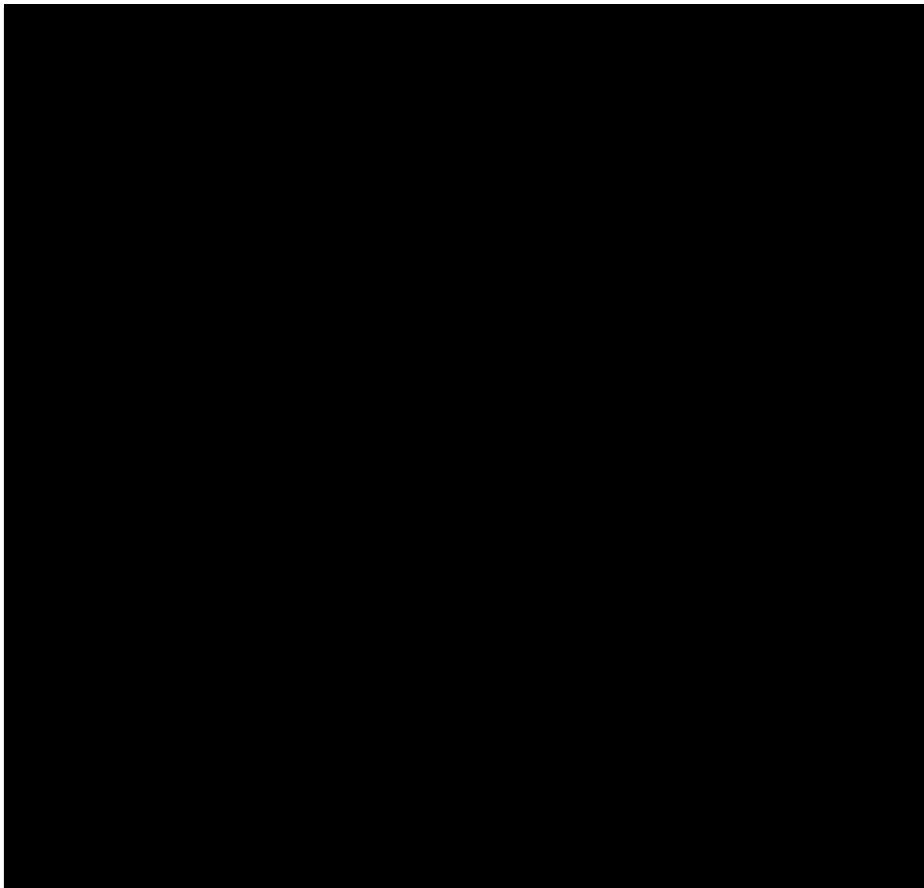
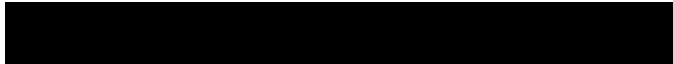
Section B



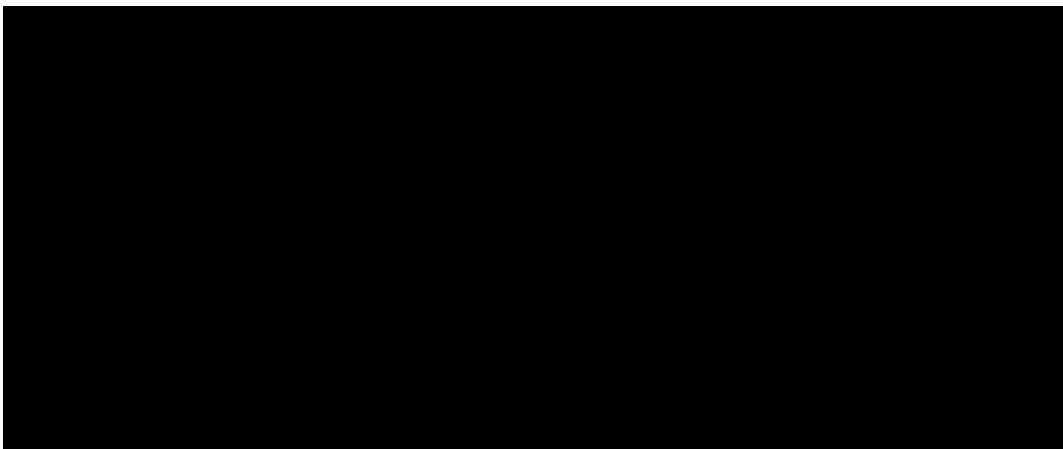
#1



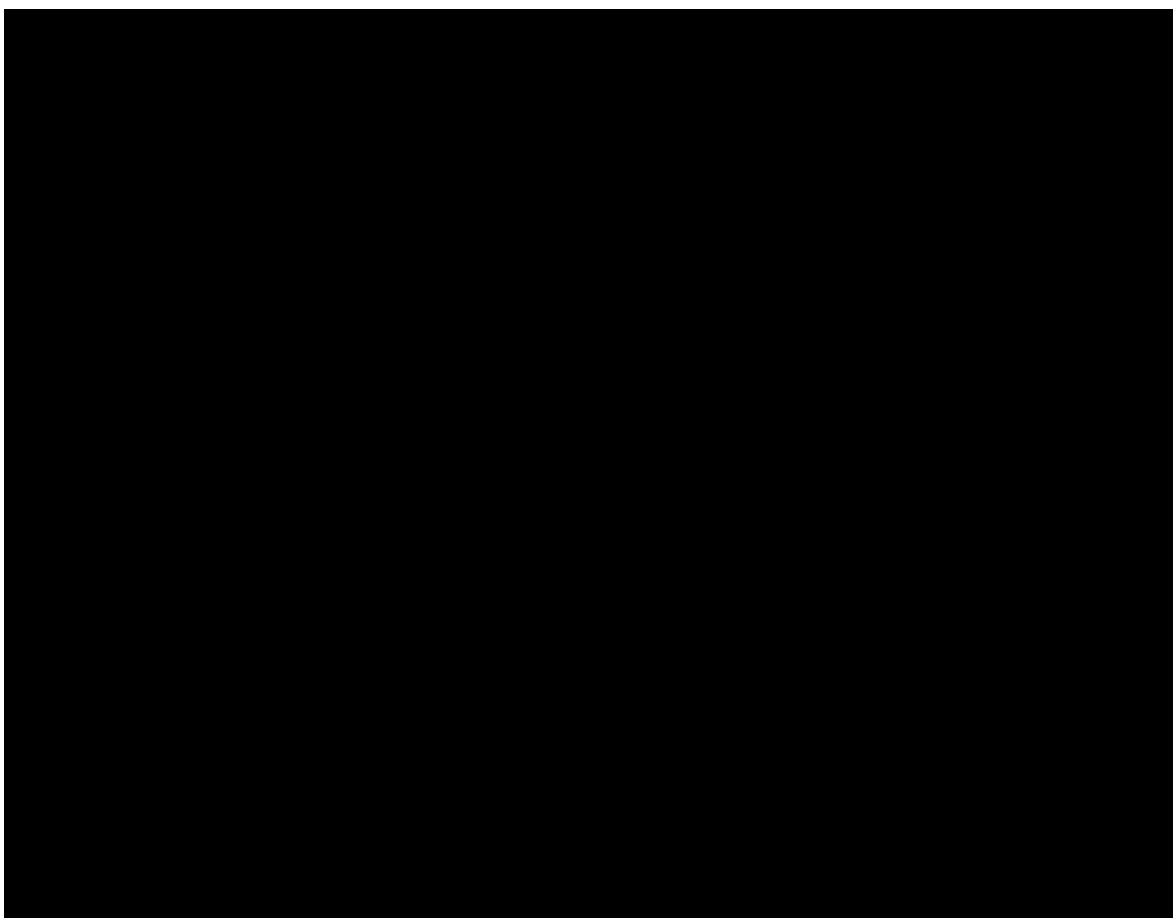
#2



#3

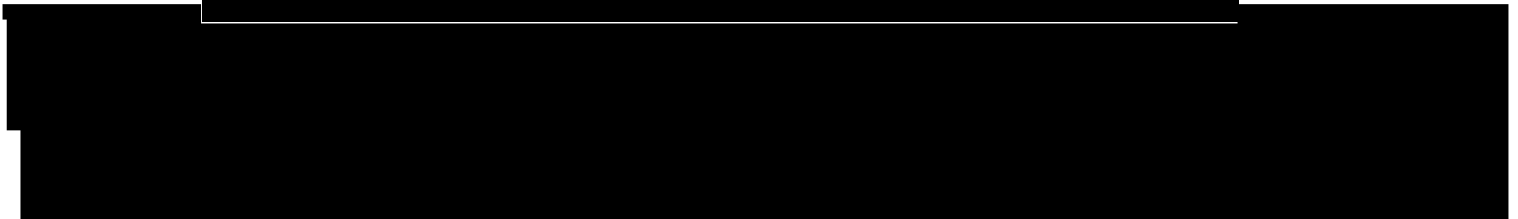
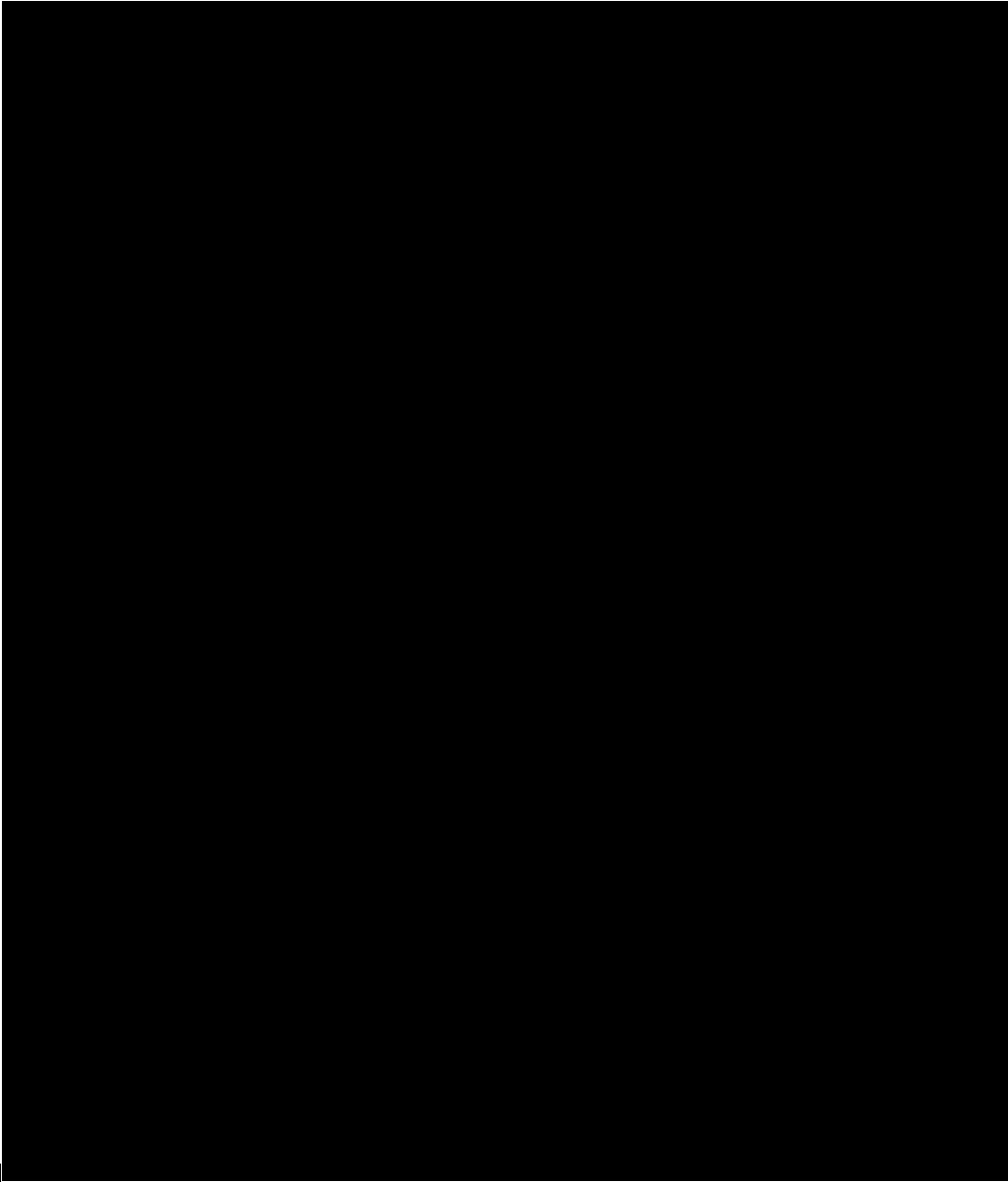


#4

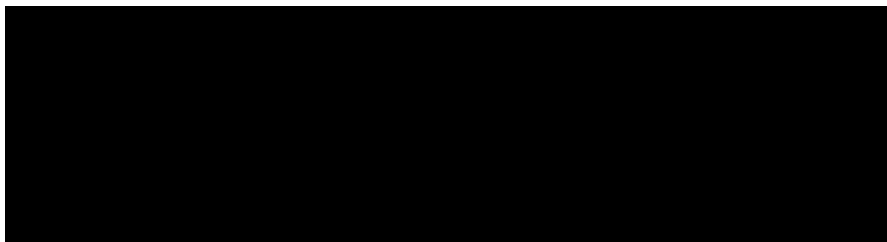




#5

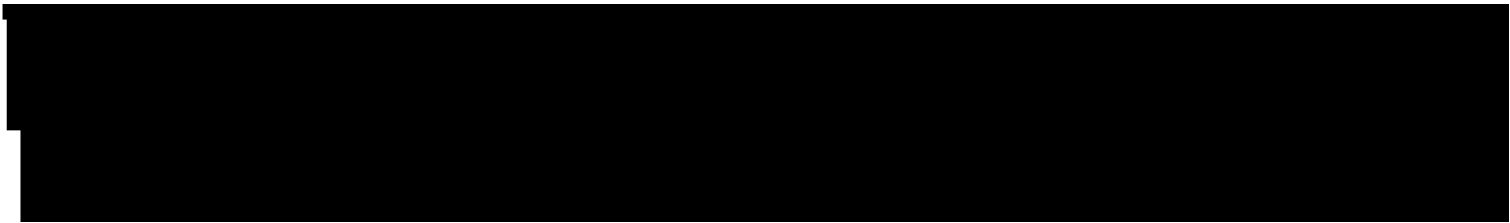


Part C



**From:** Bahadori, Tina  
**Sent:** Friday, December 29, 2017 5:39 PM  
**To:** Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>  
**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>;  
Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Yamada, Richard  
(Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Ross, Mary  
<[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha  
<[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis  
<[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John  
<[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris  
<[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan  
<[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan  
<[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin  
<[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth  
<[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale  
<[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>  
**Subject:** Re: Denka/Chloroprene Request for Correction - For  
Review

Thank you Bruce for this excellent feedback. You hit the nail on the head about some of the issues we were also debating. We will incorporate your feedback, but if needed may set up a call with you to strategize on language.



Have a very Happy New Year. See you on the other side.

Tina

On Dec 29, 2017, at 2:20 PM, Rodan, Bruce  
<[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)> wrote:

Tina et al.,

Hi. Nicely written responses. A few minor comments, one question:



[REDACTED]

Bruce D. Rodan

Associate Director for Science

U.S. EPA, Office of Research and Development

**From:** Bahadori, Tina

**Sent:** Thursday, December 21, 2017 11:04 AM

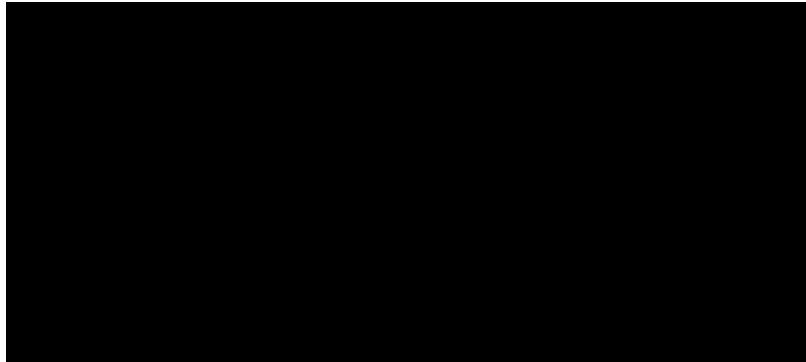
**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>

**Cc:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Denka/Chloroprene Request for Correction - For Review

Hello Everyone,

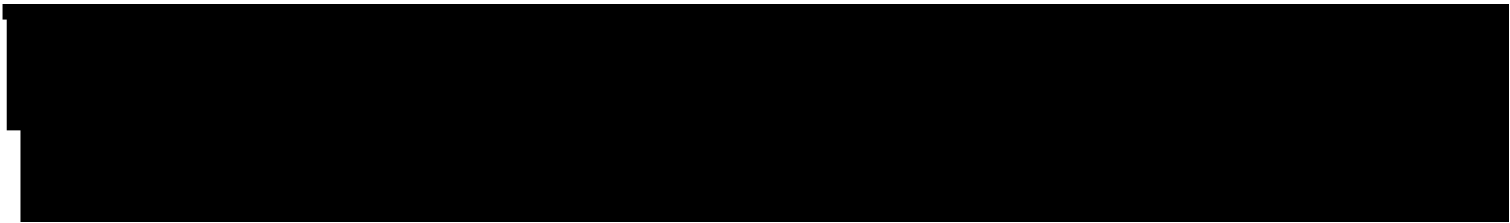
My apologies for bombarding you with requests – unfortunately we have some hefty deadlines in January. Recall that an NCEA team led by John Vandenberg and Kris Thayer have been working on a Response to a Request for Correction by Denka Polymers about the IRIS Chloroprene Assessment. Attached for your review is the current draft of the response to Denka that has two parts:



**As you know OEI has the lead on Requests for Correction.** And as you see below, OEI is already sharing this document with OMB to get their input on this version of the documents that has had input from OAR, OGC, OEI, and of course across NCEA. The deadline for responding to Denka is late January – although again, OEI controls the timeline for the process.

I am available to answer any questions you may have. It would be great to have your input by January 8<sup>th</sup>.

Thank you,





Tina

202-564-7903

**From:** Vandenberg, John  
**Sent:** Thursday, December 21, 2017 10:29 AM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>  
**Subject:** Fwd: EPA response - RFC 17002 IRIS Chloroprene

Heads up! Kevin went ahead and sent to OMB.

Sent from my iPhone

Begin forwarded message:

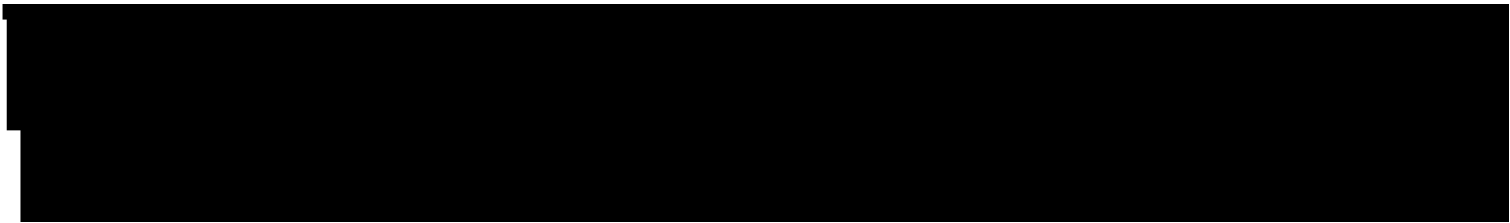
**From:** "Kirby, Kevin" <[KIRBY.KEVIN@EPA.GOV](mailto:KIRBY.KEVIN@EPA.GOV)>  
**Date:** December 21, 2017 at 10:26:55 AM EST  
**To:** "James H Kim@OMB.gov" <[James\\_H\\_Kim@OMB.gov](mailto:James_H_Kim@OMB.gov)>  
**Cc:** "Vandenberg, John" <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>, "Holloman, Vincia" <[Holloman.Vincia@epa.gov](mailto:Holloman.Vincia@epa.gov)>  
**Subject:** EPA response - RFC 17002 IRIS Chloroprene

Hello Jim,

Attached is EPA's draft response to RFC #17002, dealing with the IRIS assessment of chloroprene. The information owners in ORD prepared this draft and it has been reviewed by EPA Quality Staff and our OGC.

Could you please provide us with any comments or suggestions you may have on this draft response.

Thanks,



Kevin

Kevin J. Kirby,

Enterprise Data Architect

Enterprise Quality Management Division

Office of Enterprise Information Programs

Office of Environmental Information

US Environmental Protection Agency

(202) 566-1656 desk

Exemption 6

[REDACTED]

[REDACTED]

**To:** Bahadori, Tina[Bahadori.Tina@epa.gov]  
**Cc:** Ross, Mary[Ross.Mary@epa.gov]; Jones, Samantha[Jones.Samantha@epa.gov]; Lavoie, Emma[Lavoie.Emma@epa.gov]; Vandenberg, John[Vandenberg.John@epa.gov]  
**From:** Thayer, Kris  
**Sent:** Fri 1/19/2018 12:14:26 AM  
**Subject:** Re: AAAARGHHHHHHH!!

I didn't realize he was pressed for a timeline.  
And he accepted the meeting on Monday?

Sent from my iPhone

On Jan 18, 2018, at 7:11 PM, Bahadori, Tina <Bahadori.Tina@epa.gov> wrote:

But wouldn't commit to a timeline?

On Jan 18, 2018, at 7:11 PM, Thayer, Kris <thayer.kris@epa.gov> wrote:

I hope we are over-reacting and he just wants a final read...

Sent from my iPhone

On Jan 18, 2018, at 7:09 PM, Ross, Mary <Ross.Mary@epa.gov> wrote:

Delay factor? Richard was pushed to stall it?

**From:** Bahadori, Tina  
**Sent:** Thursday, January 18, 2018 7:09 PM  
**To:** Thayer, Kris <thayer.kris@epa.gov>  
**Cc:** Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>  
**Subject:** Re: AAAARGHHHHHHH!!

I honestly don't know what to think.

T.



On Jan 18, 2018, at 7:07 PM, Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)> wrote:



Sent from my iPhone

On Jan 18, 2018, at 6:39 PM, Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)> wrote:

See below – I am furious...but let's see how it unfolds. I also set up a meeting with Richard on Monday. He is off tomorrow.

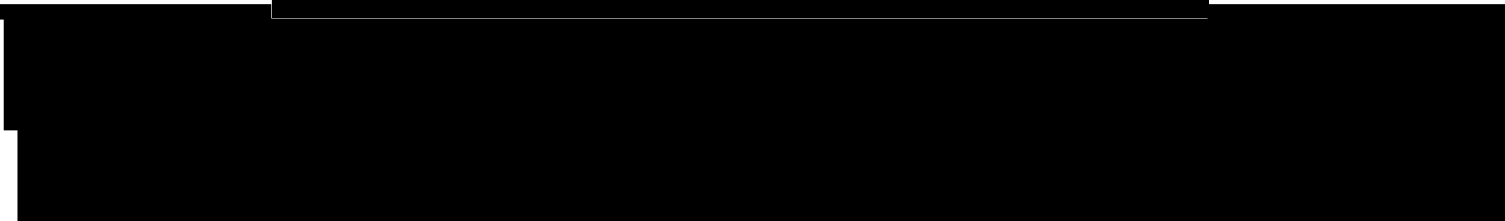
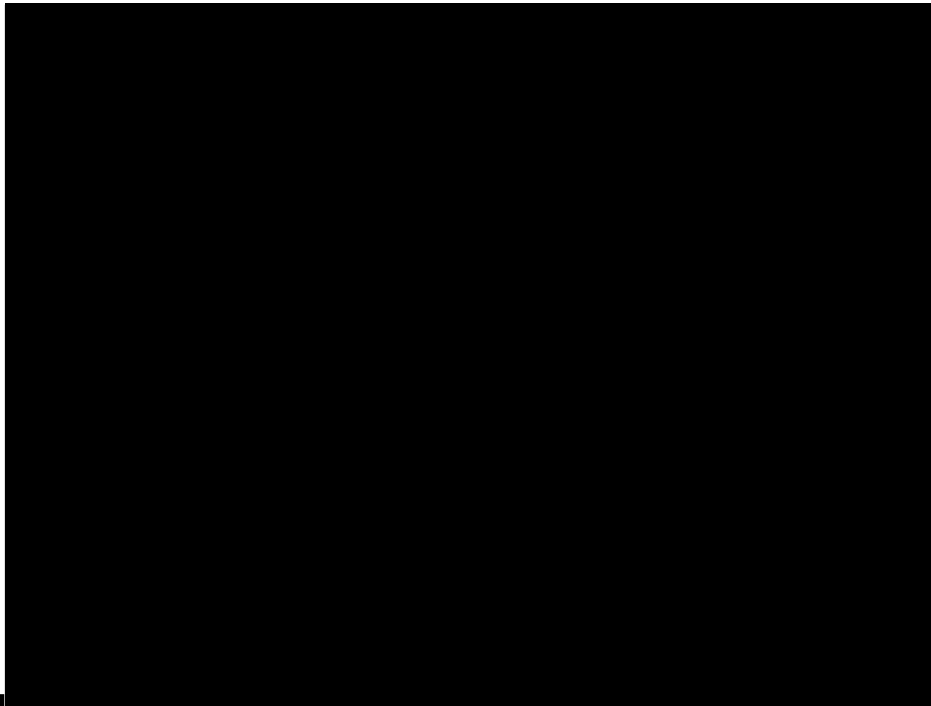
**From:** Bahadori, Tina

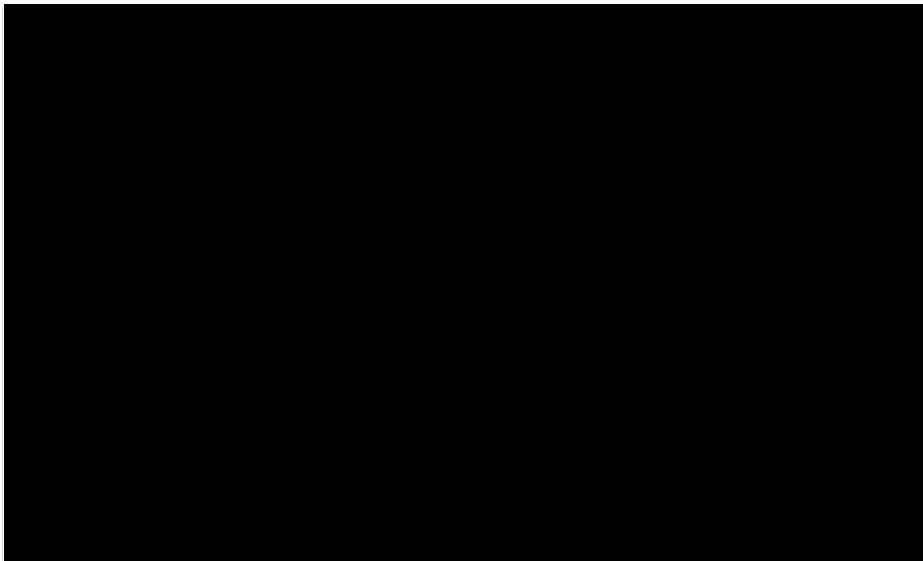
**Sent:** Thursday, January 18, 2018 6:34 PM

**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>;

Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>

**Subject:** Need some advice





Tina

**From:** Yamada, Richard (Yujiro)  
**Sent:** Thursday, January 4, 2018 3:03 PM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>  
**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>  
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Everyone,

A few comments and edits to the report. Some of the questions below are for internal purposes but I would like to know the answers (I don't

have the original DPC doc in front of me). I enjoyed reading the systematic review doc – happy new year everyone,

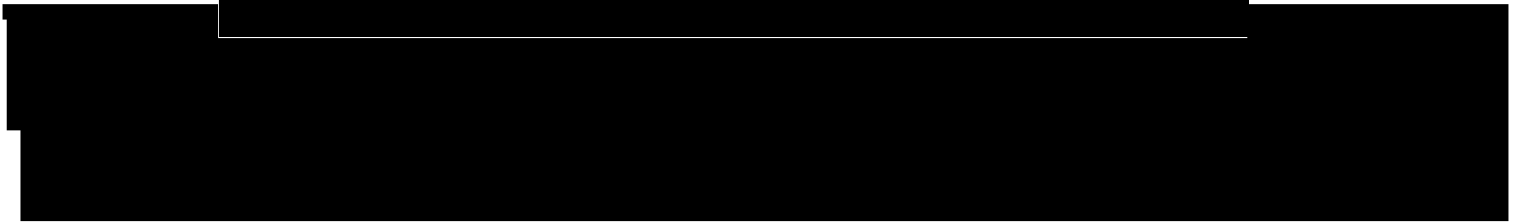
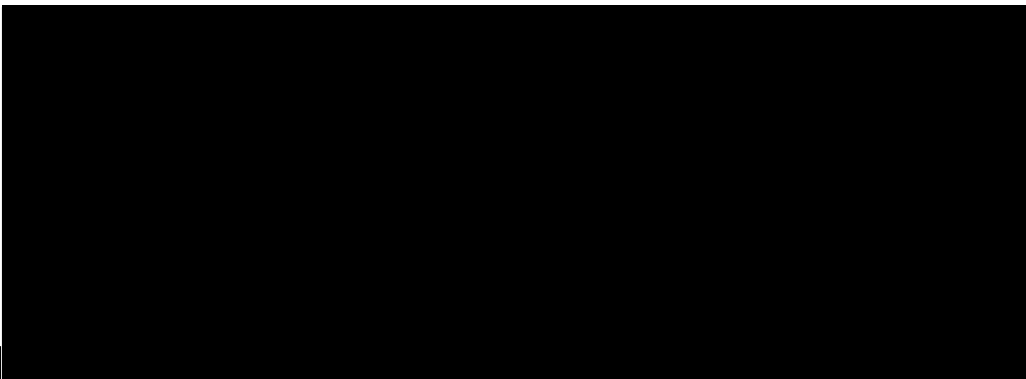
Richard

Section A

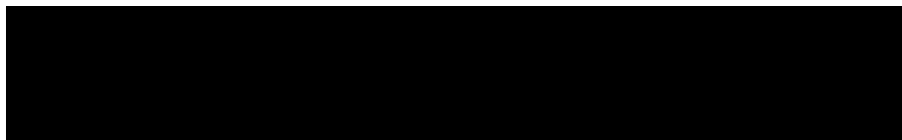
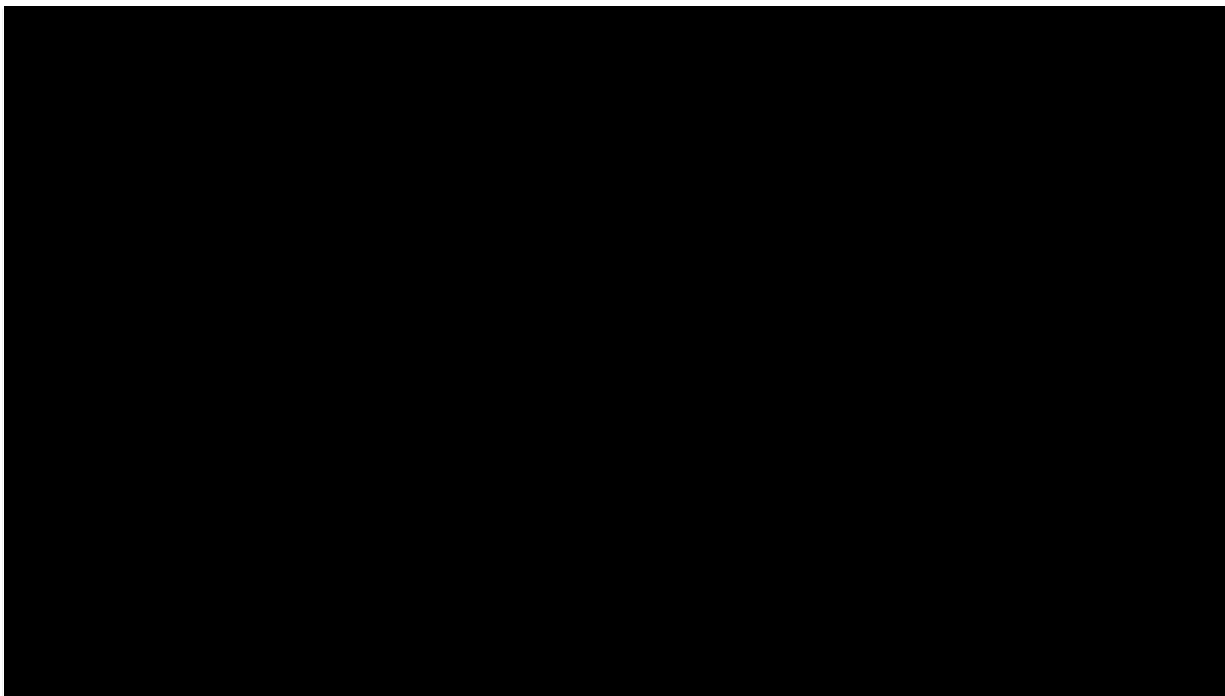


Section B

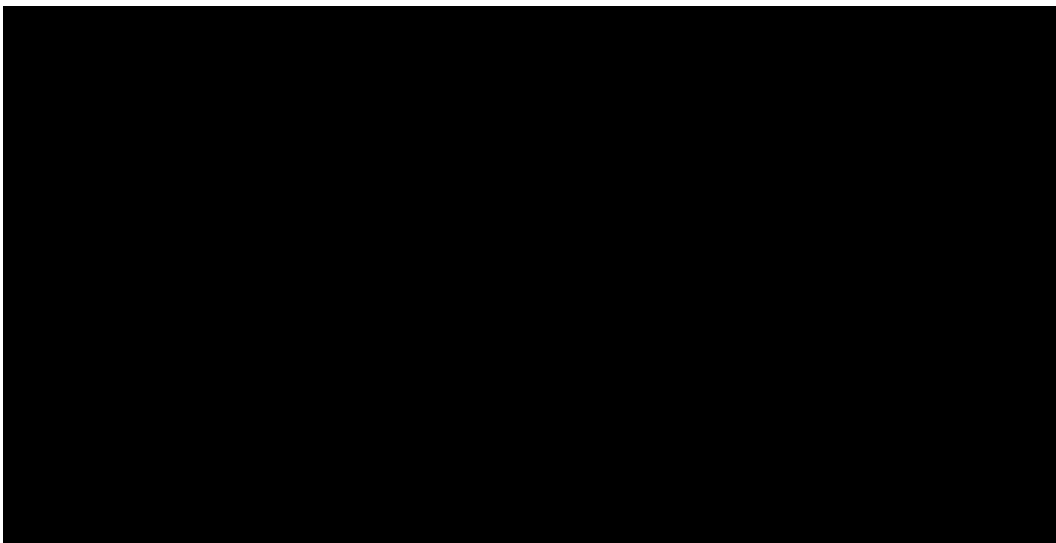
#1

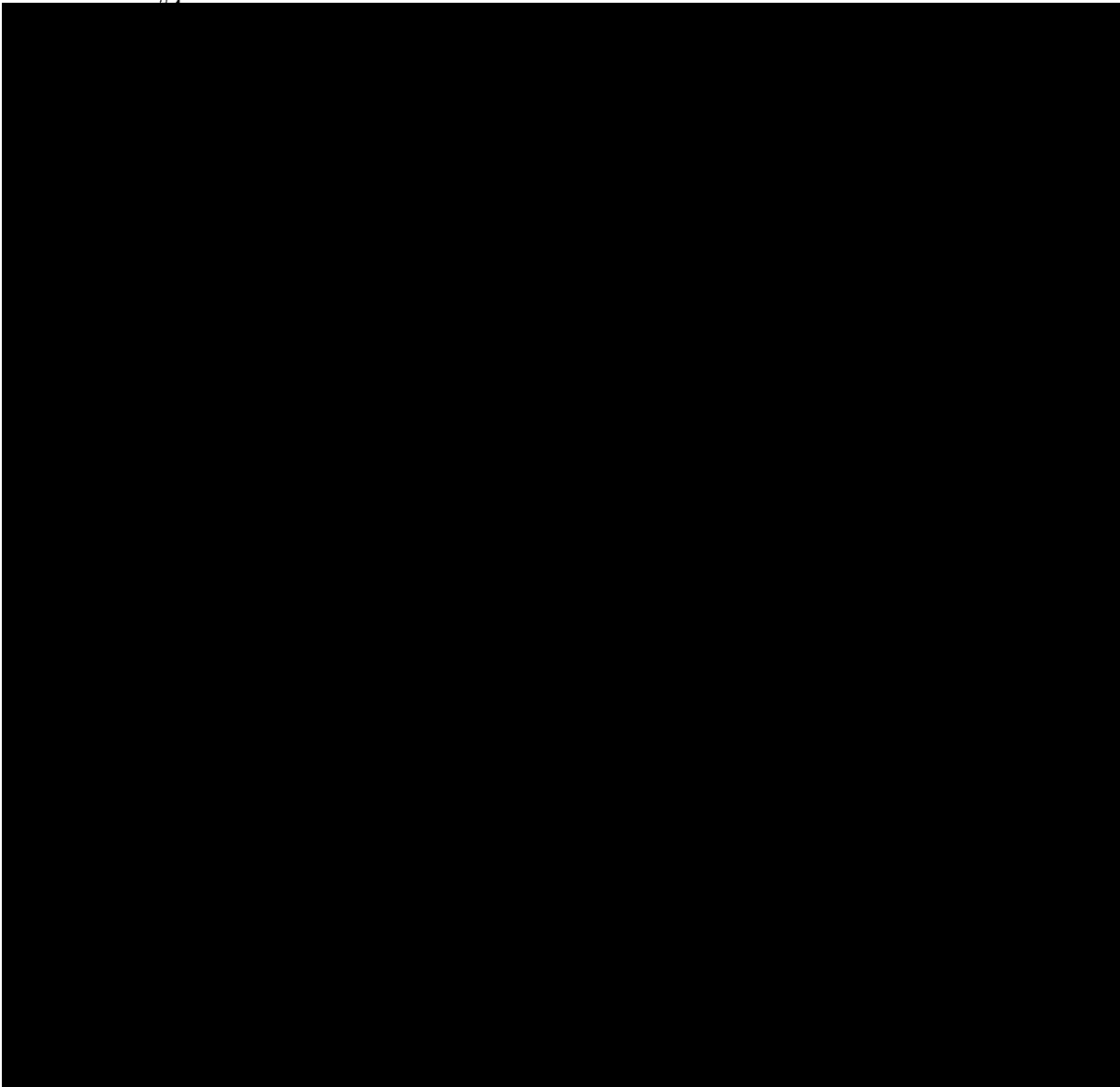


#2

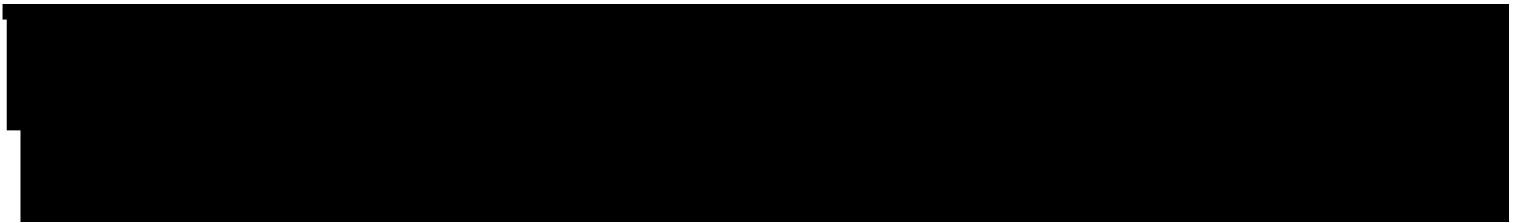


#3

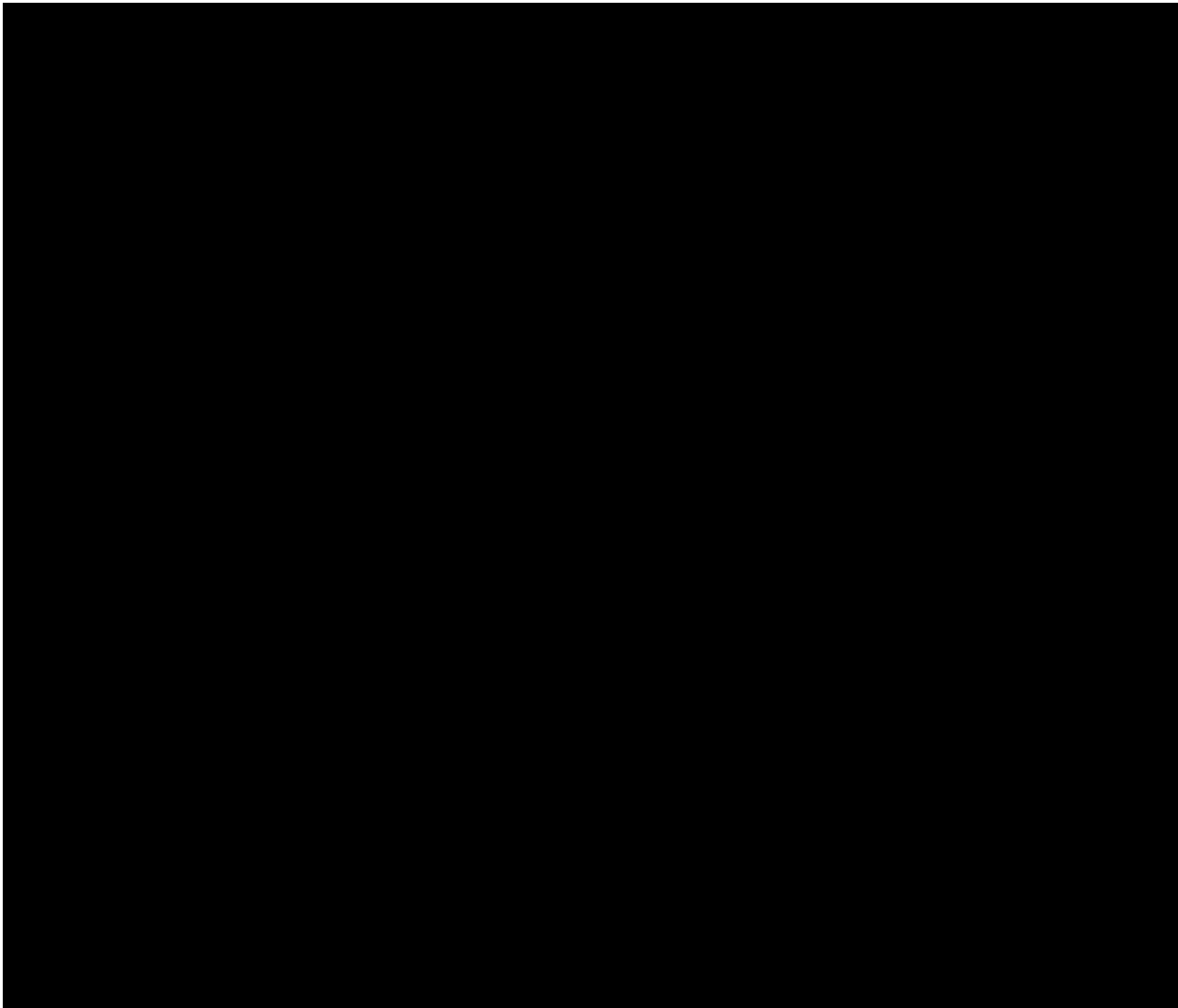




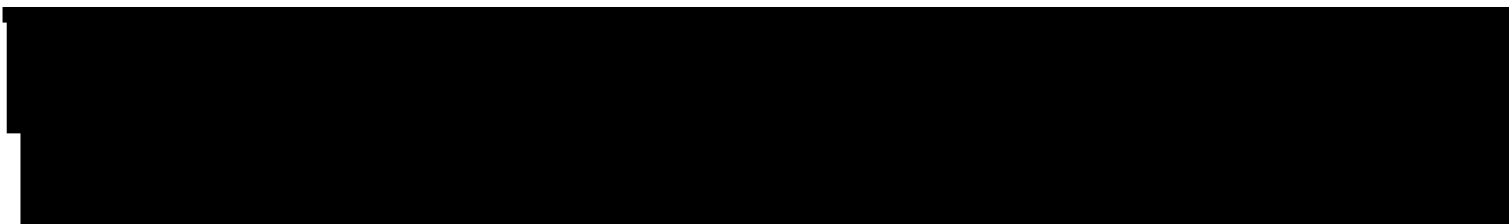
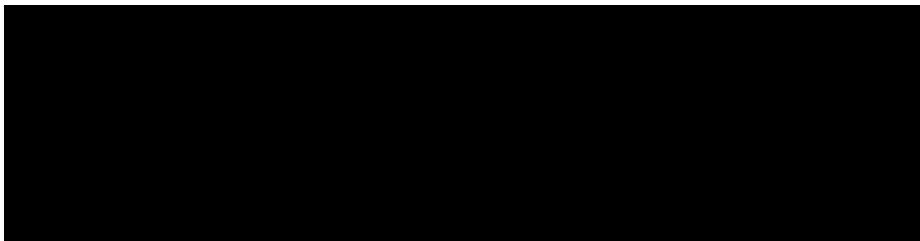
#5







Part C



**From:** Bahadori, Tina  
**Sent:** Friday, December 29, 2017 5:39 PM  
**To:** Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>  
**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>  
**Subject:** Re: Denka/Chloroprene Request for Correction - For Review

Thank you Bruce for this excellent feedback. You hit the nail on the head about some of the issues we were also debating. We will incorporate your feedback, but if needed may set up a call with you to strategize on language.

Have a very Happy New Year. See you on the other side.

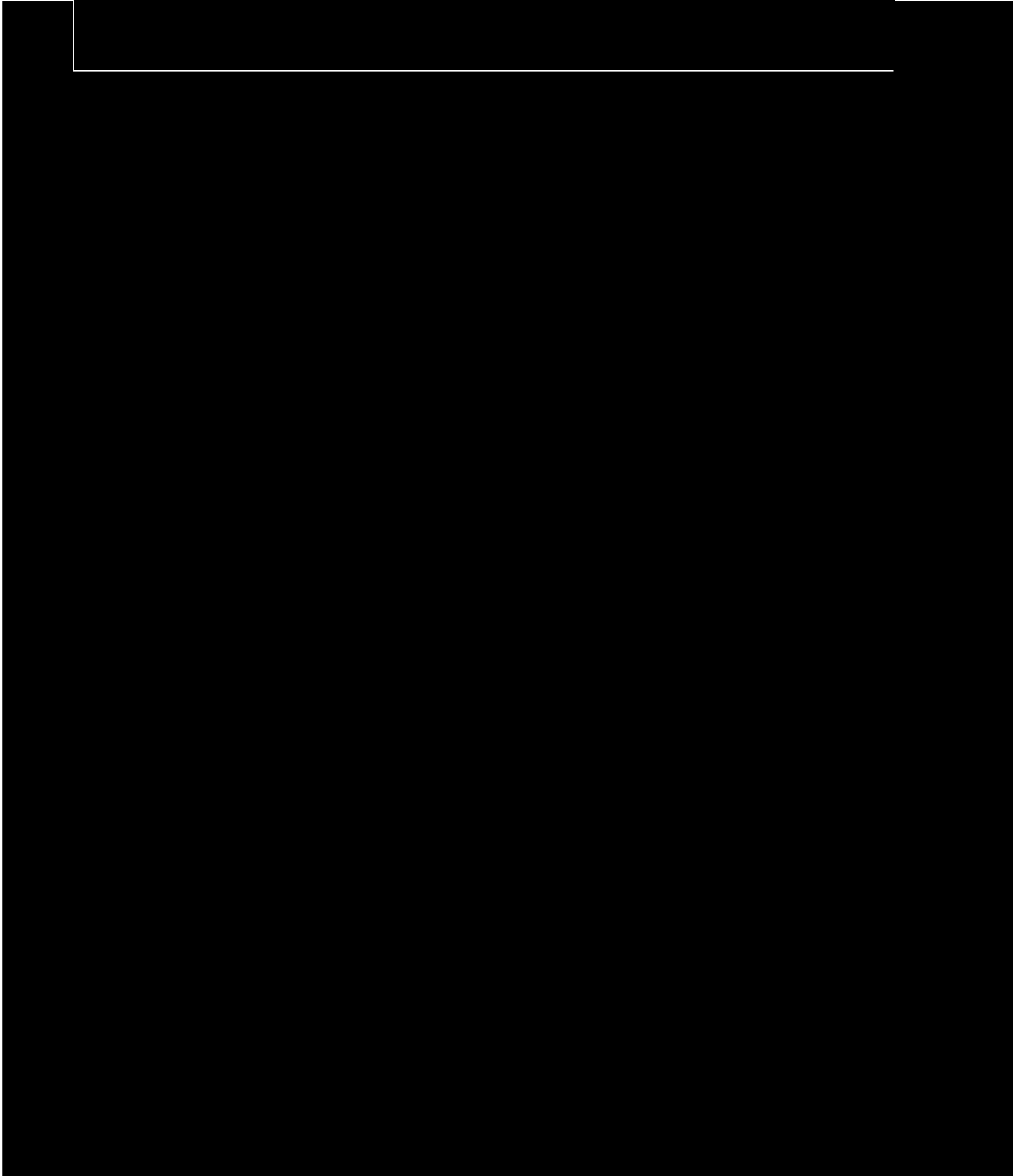
Tina

On Dec 29, 2017, at 2:20 PM, Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)> wrote:

Tina et al.,

Hi. Nicely written responses. A few minor comments, one question:





Bruce D. Rodan

Associate Director for Science

U.S. EPA, Office of Research and Development

**From:** Bahadori, Tina

**Sent:** Thursday, December 21, 2017 11:04 AM

**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>;

Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Rodan, Bruce

<[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>; Yamada, Richard (Yujiro)

<[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>

**Cc:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha

<[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis

<[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John

<[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris

<[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan

<[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Robbins, Chris

<[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Fleming, Megan

<[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin

<[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth

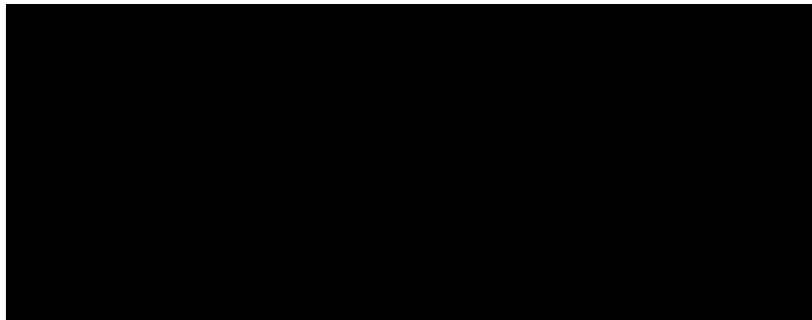
<[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale

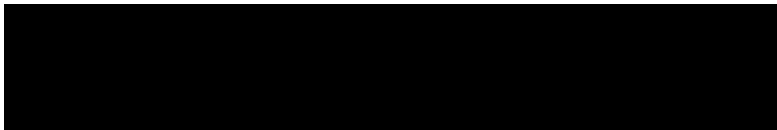
<[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Denka/Chloroprene Request for Correction - For Review

Hello Everyone,

My apologies for bombarding you with requests – unfortunately we have some hefty deadlines in January. Recall that an NCEA team led by John Vandenberg and Kris Thayer have been working on a Response to a Request for Correction by Denka Polymers about the IRIS Chloroprene Assessment. Attached for your review is the current draft of the response to Denka that has two parts:





**As you know OEI has the lead on Requests for Correction.** And as you see below, OEI is already sharing this document with OMB to get their input on this version of the documents that has had input from OAR, OGC, OEI, and of course across NCEA. The deadline for responding to Denka is late January – although again, OEI controls the timeline for the process.

I am available to answer any questions you may have. It would be great to have your input by January 8<sup>th</sup>.

Thank you,

Tina

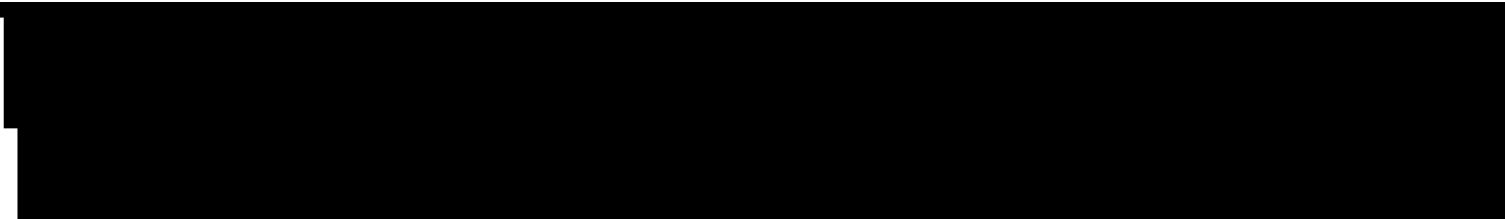
202-564-7903

**From:** Vandenberg, John  
**Sent:** Thursday, December 21, 2017 10:29 AM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>  
**Subject:** Fwd: EPA response - RFC 17002 IRIS Chloroprene

Heads up! Kevin went ahead and sent to OMB.

Sent from my iPhone

Begin forwarded message:



**From:** "Kirby, Kevin" <KIRBY.KEVIN@EPA.GOV>  
**Date:** December 21, 2017 at 10:26:55 AM EST  
**To:** "James H Kim@OMB.gov"  
<James\_H\_Kim@OMB.gov>  
**Cc:** "Vandenberg, John" <Vandenberg.John@epa.gov>,  
"Holloman, Vincia" <Holloman.Vincia@epa.gov>  
**Subject:** EPA response - RFC 17002 IRIS Chloroprene

Hello Jim,

Attached is EPA's draft response to RFC #17002, dealing with the IRIS assessment of chloroprene. The information owners in ORD prepared this draft and it has been reviewed by EPA Quality Staff and our OGC.

Could you please provide us with any comments or suggestions you may have on this draft response.

Thanks,

Kevin

Kevin J. Kirby,

Enterprise Data Architect

Enterprise Quality Management Division

Office of Enterprise Information Programs

Office of Environmental Information

US Environmental Protection Agency

(202) 566-1656 desk

Exemption 6

**To:** Thayer, Kris[thayer.kris@epa.gov]  
**Cc:** Ross, Mary[Ross.Mary@epa.gov]; Jones, Samantha[Jones.Samantha@epa.gov]; Lavoie, Emma[Lavoie.Emma@epa.gov]; Vandenberg, John[Vandenberg.John@epa.gov]  
**From:** Bahadori, Tina  
**Sent:** Fri 1/19/2018 12:11:46 AM  
**Subject:** Re: AAAARGHHHHHHH!!

But wouldn't commit to a timeline?

On Jan 18, 2018, at 7:11 PM, Thayer, Kris <thayer.kris@epa.gov> wrote:

I hope we are over-reacting and he just wants a final read...

Sent from my iPhone

On Jan 18, 2018, at 7:09 PM, Ross, Mary <Ross.Mary@epa.gov> wrote:

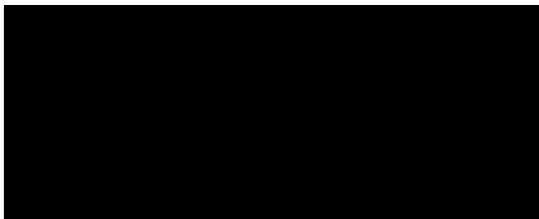
Delay factor? Richard was pushed to stall it?

**From:** Bahadori, Tina  
**Sent:** Thursday, January 18, 2018 7:09 PM  
**To:** Thayer, Kris <thayer.kris@epa.gov>  
**Cc:** Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>  
**Subject:** Re: AAAARGHHHHHHH!!

I honestly don't know what to think.

T.

On Jan 18, 2018, at 7:07 PM, Thayer, Kris <thayer.kris@epa.gov> wrote:



Sent from my iPhone

On Jan 18, 2018, at 6:39 PM, Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)> wrote:

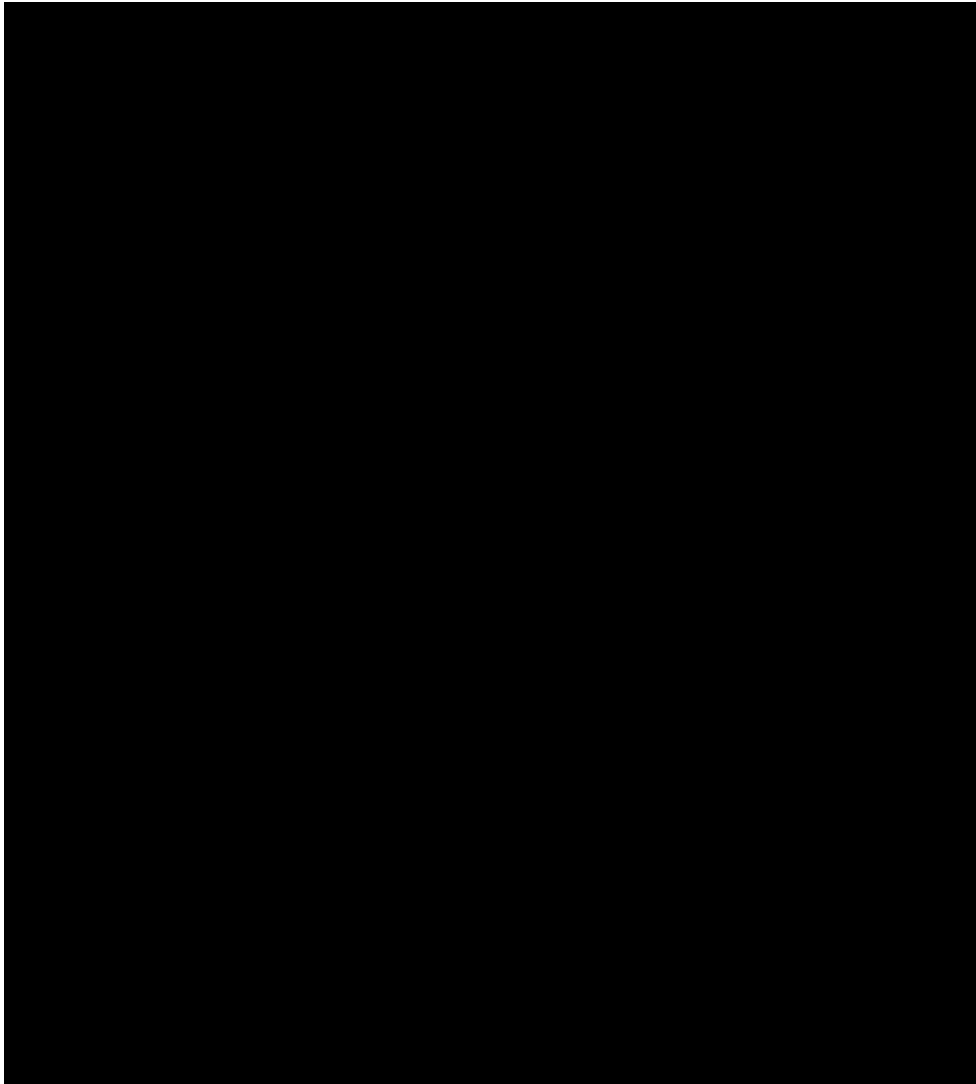
See below – I am furious...but let's see how it unfolds. I also set up a meeting with Richard on Monday. He is off tomorrow.

**From:** Bahadori, Tina

**Sent:** Thursday, January 18, 2018 6:34 PM

**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>

**Subject:** Need some advice







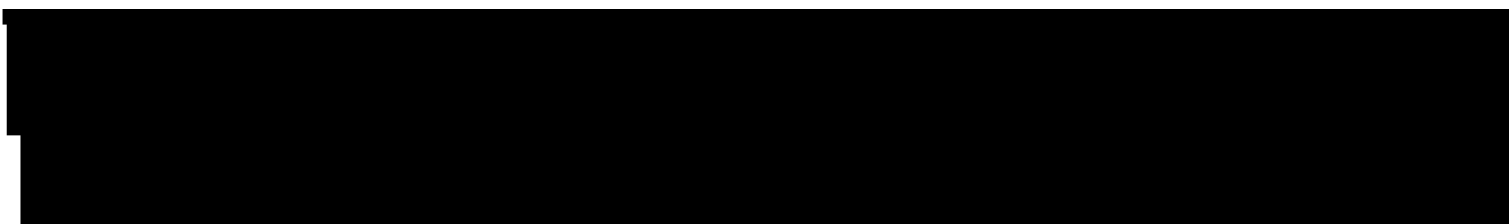
Tina

**From:** Yamada, Richard (Yujiro)  
**Sent:** Thursday, January 4, 2018 3:03 PM  
**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>; Rodan, Bruce <rodan.bruce@epa.gov>  
**Cc:** Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Robbins, Chris <Robbins.Chris@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>; Christian, Megan <Christian.Megan@epa.gov>; Fleming, Megan <Fleming.Megan@epa.gov>; Kuhn, Kevin <Kuhn.Kevin@epa.gov>; Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>; Perry, Dale <Perry.Dale@epa.gov>  
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

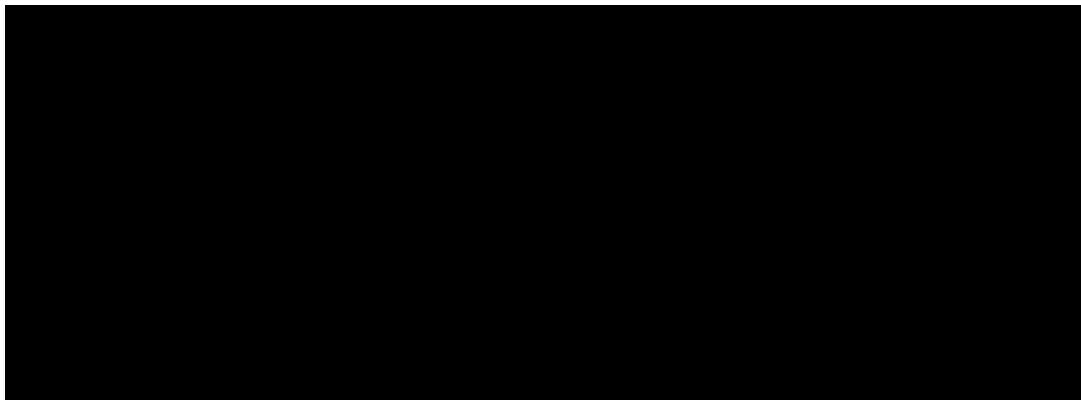
Hi Everyone,

A few comments and edits to the report. Some of the questions below are for internal purposes but I would like to know the answers (I don't have the original DPC doc in front of me). I enjoyed reading the systematic review doc – happy new year everyone,

Richard

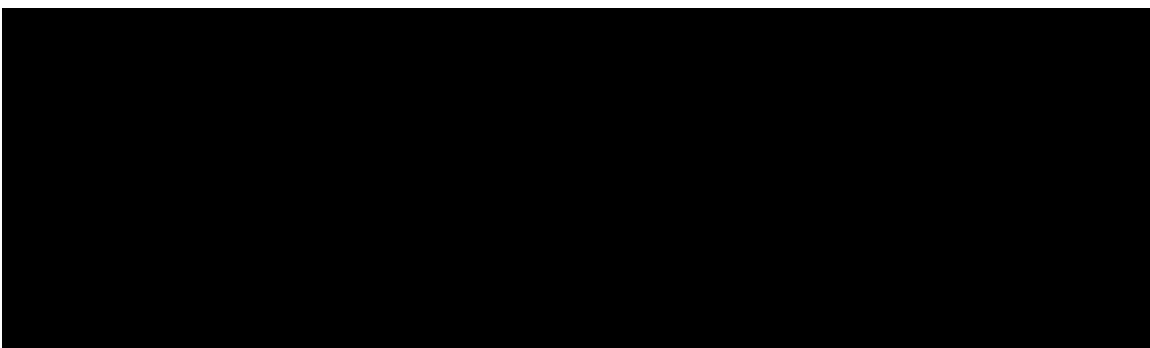


Section A



Section B

#1

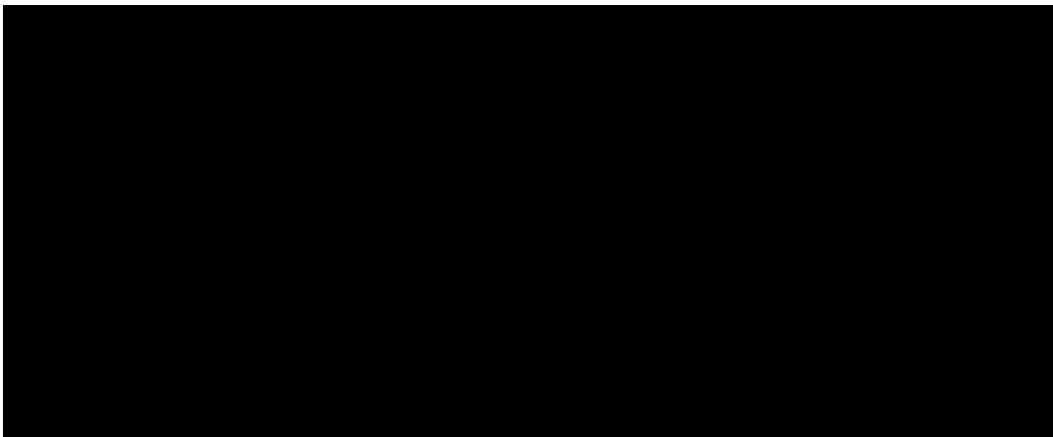


#2

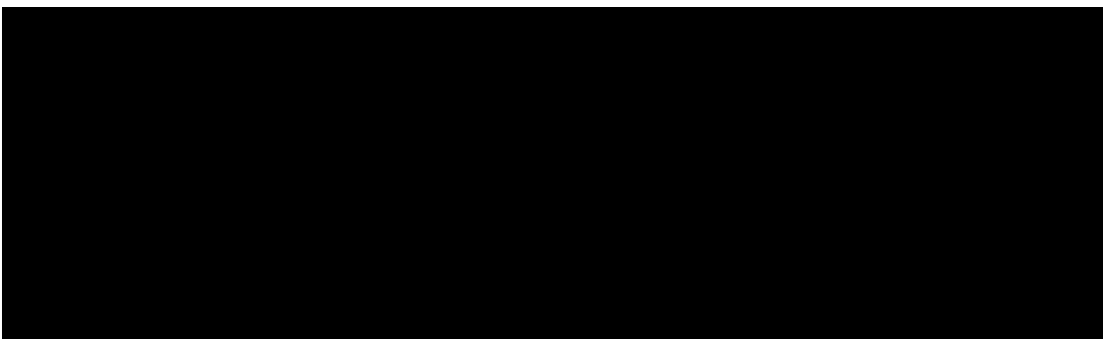


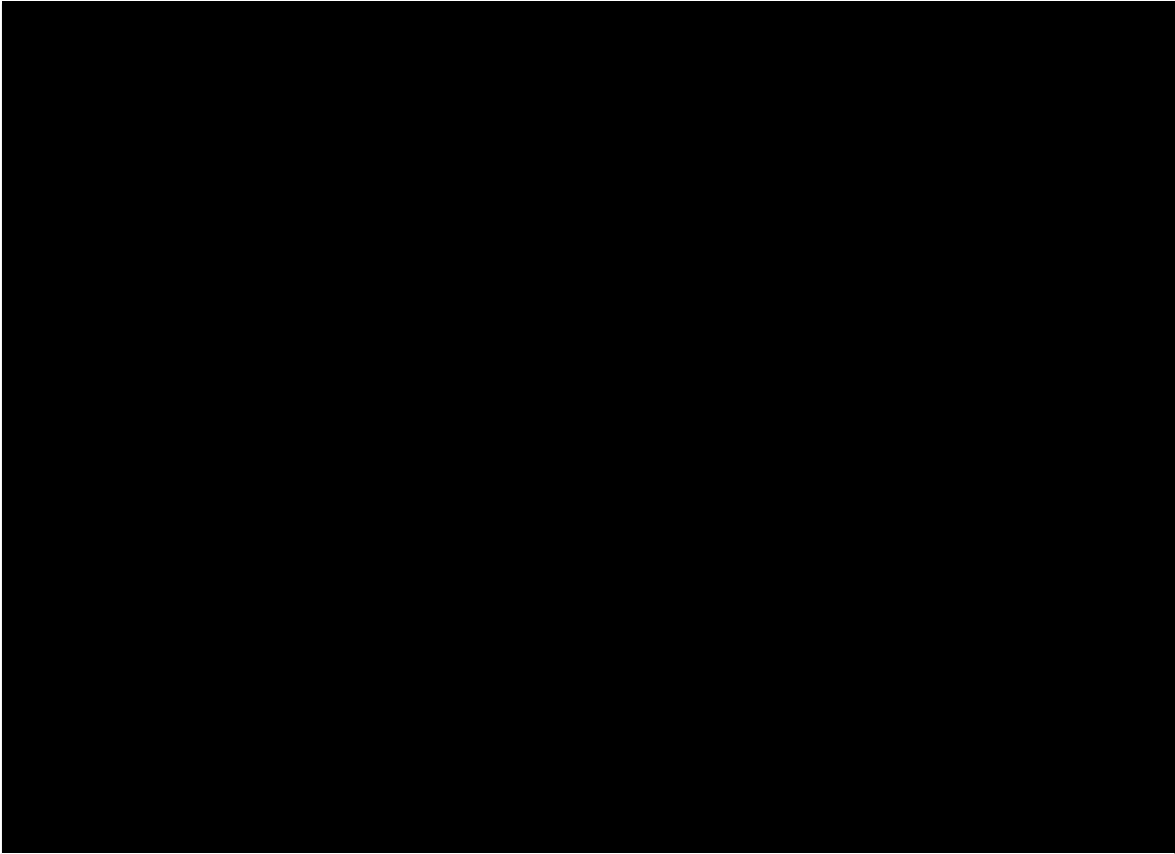


#3

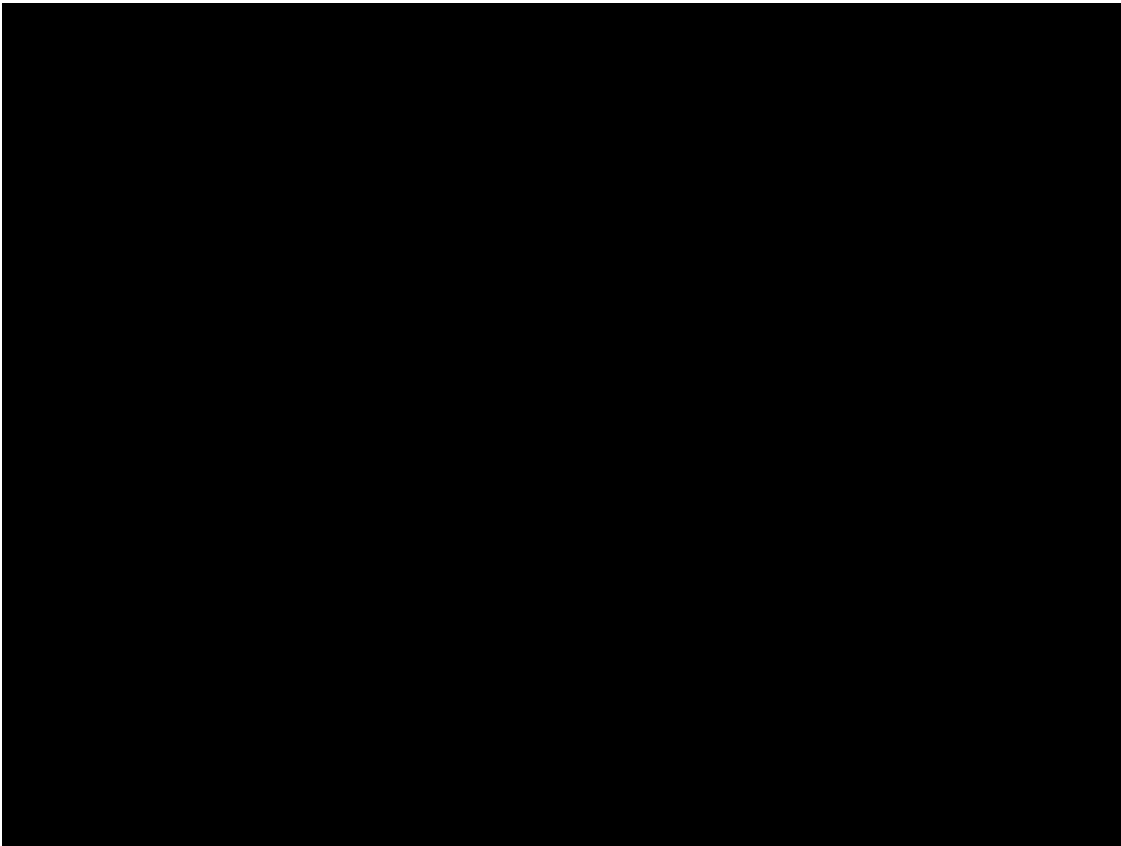


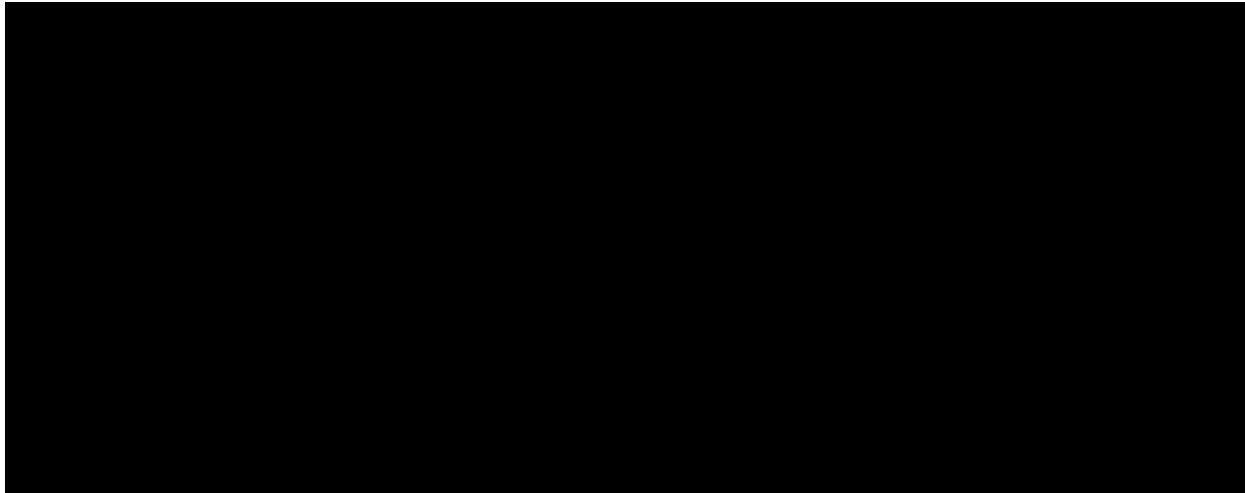
#4



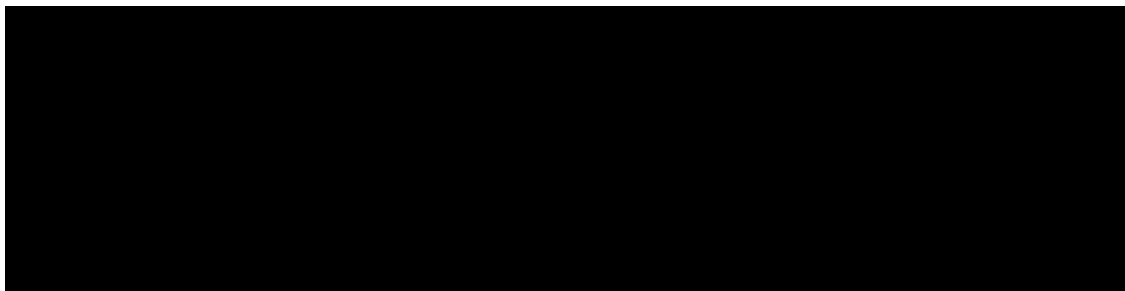


#5

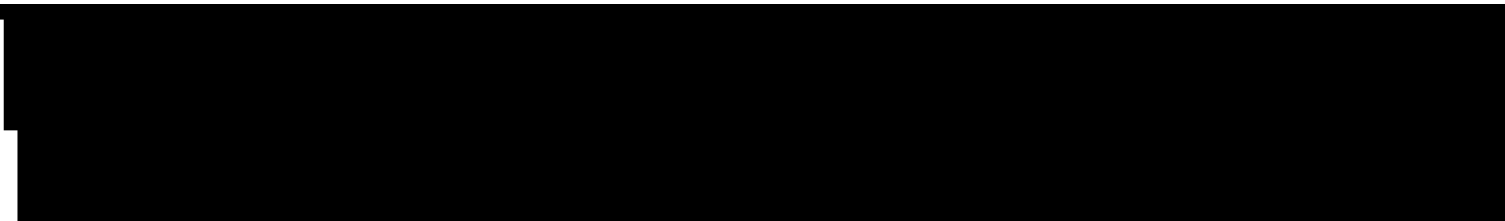




Part C



**From:** Bahadori, Tina  
**Sent:** Friday, December 29, 2017 5:39 PM  
**To:** Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>  
**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>  
**Subject:** Re: Denka/Chloroprene Request for Correction - For Review



Thank you Bruce for this excellent feedback. You hit the nail on the head about some of the issues we were also debating. We will incorporate your feedback, but if needed may set up a call with you to strategize on language.

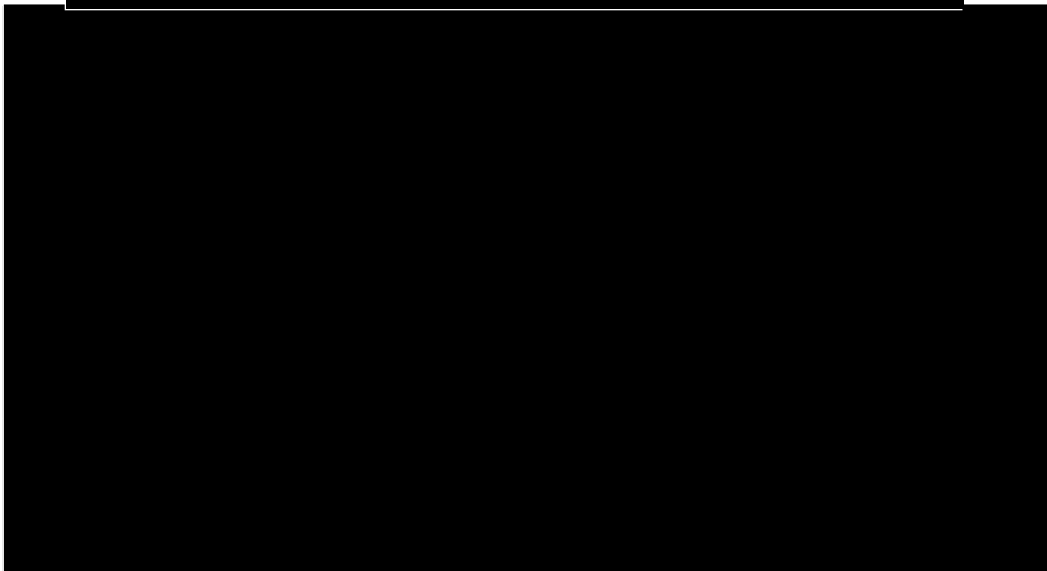
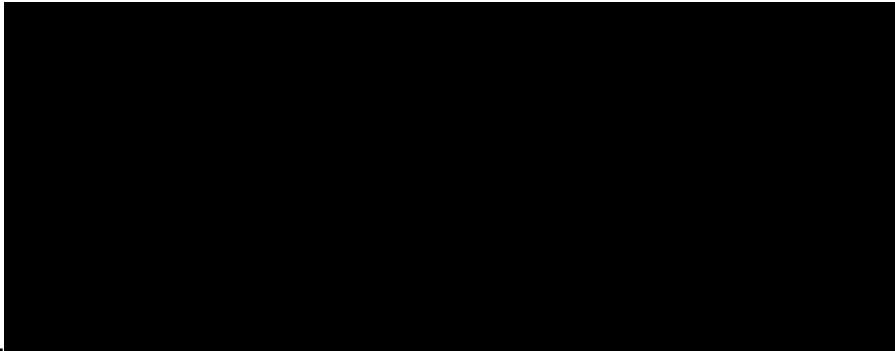
Have a very Happy New Year. See you on the other side.

Tina

On Dec 29, 2017, at 2:20 PM, Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)> wrote:

Tina et al.,

Hi. Nicely written responses. A few minor comments, one question:





Bruce D. Rodan

Associate Director for Science

U.S. EPA, Office of Research and Development

**From:** Bahadori, Tina

**Sent:** Thursday, December 21, 2017 11:04 AM

**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>;

Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Rodan, Bruce

<[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>; Yamada, Richard (Yujiro)

<[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>

**Cc:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha

<[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis

<[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John

<[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>;

Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Robbins, Chris

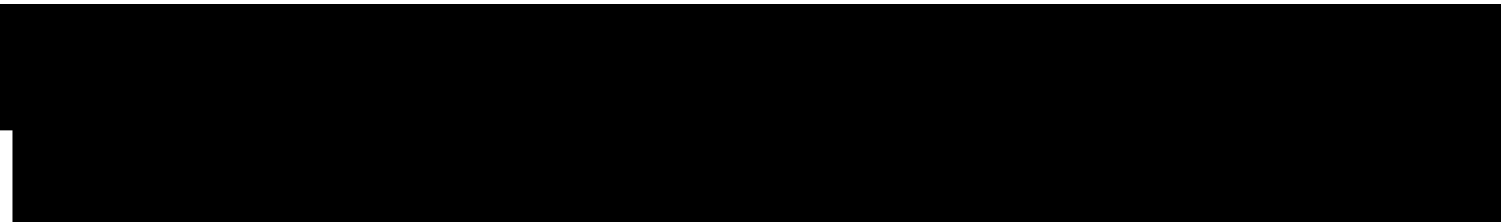
<[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Fleming, Megan

<[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>;

Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale

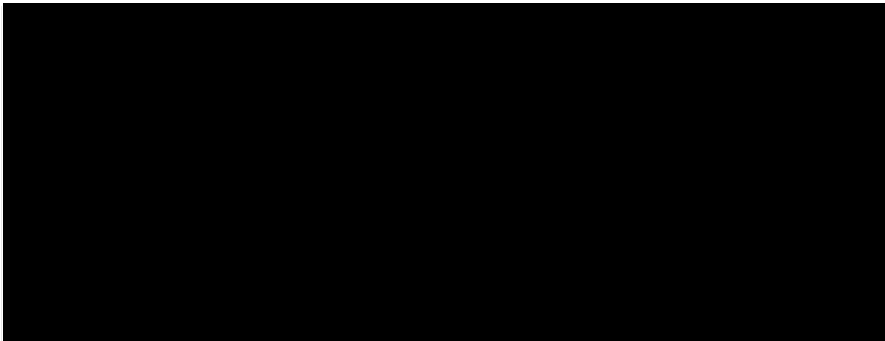
<[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Denka/Chloroprene Request for Correction - For Review



Hello Everyone,

My apologies for bombarding you with requests – unfortunately we have some hefty deadlines in January. Recall that an NCEA team led by John Vandenberg and Kris Thayer have been working on a Response to a Request for Correction by Denka Polymers about the IRIS Chloroprene Assessment. Attached for your review is the current draft of the response to Denka that has two parts:



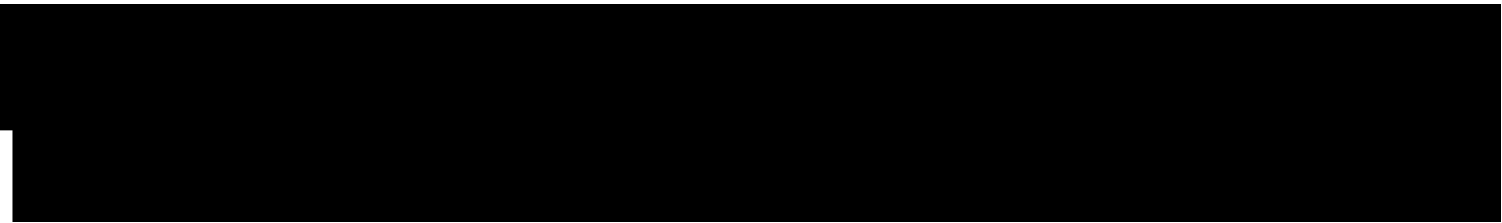
**As you know OEI has the lead on Requests for Correction.** And as you see below, OEI is already sharing this document with OMB to get their input on this version of the documents that has had input from OAR, OGC, OEI, and of course across NCEA. The deadline for responding to Denka is late January – although again, OEI controls the timeline for the process.

I am available to answer any questions you may have. It would be great to have your input by January 8<sup>th</sup>.

Thank you,

Tina

202-564-7903





**From:** Vandenberg, John  
**Sent:** Thursday, December 21, 2017 10:29 AM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>  
**Subject:** Fwd: EPA response - RFC 17002 IRIS Chloroprene

Heads up! Kevin went ahead and sent to OMB.

Sent from my iPhone

Begin forwarded message:

**From:** "Kirby, Kevin" <[KIRBY.KEVIN@EPA.GOV](mailto:KIRBY.KEVIN@EPA.GOV)>  
**Date:** December 21, 2017 at 10:26:55 AM EST  
**To:** "James H Kim@OMB.gov" <[James\\_H\\_Kim@OMB.gov](mailto:James_H_Kim@OMB.gov)>  
**Cc:** "Vandenberg, John" <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>, "Holloman, Vincia" <[Holloman.Vincia@epa.gov](mailto:Holloman.Vincia@epa.gov)>  
**Subject:** EPA response - RFC 17002 IRIS Chloroprene

Hello Jim,

Attached is EPA's draft response to RFC #17002, dealing with the IRIS assessment of chloroprene. The information owners in ORD prepared this draft and it has been reviewed by EPA Quality Staff and our OGC.

Could you please provide us with any comments or suggestions you may have on this draft response.

Thanks,

Kevin

Kevin J. Kirby,

Enterprise Data Architect



Enterprise Quality Management Division  
Office of Enterprise Information Programs  
Office of Environmental Information  
US Environmental Protection Agency

(202) 566-1656 desk

Exemption 6

[REDACTED]

[REDACTED]

[REDACTED]

**To:** Ross, Mary[Ross.Mary@epa.gov]  
**Cc:** Bahadori, Tina[Bahadori.Tina@epa.gov]; Jones, Samantha[Jones.Samantha@epa.gov]; Lavoie, Emma[Lavoie.Emma@epa.gov]; Vandenberg, John[Vandenberg.John@epa.gov]  
**From:** Thayer, Kris  
**Sent:** Fri 1/19/2018 12:11:05 AM  
**Subject:** Re: AAAARGHHHHHHH!!

I hope we are over-reacting and he just wants a final read...

Sent from my iPhone

On Jan 18, 2018, at 7:09 PM, Ross, Mary <Ross.Mary@epa.gov> wrote:

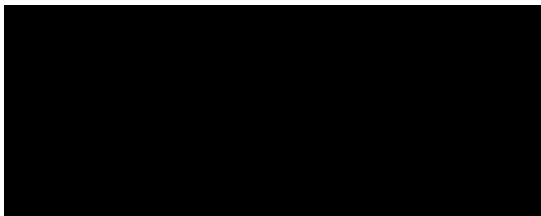
Delay factor? Richard was pushed to stall it?

**From:** Bahadori, Tina  
**Sent:** Thursday, January 18, 2018 7:09 PM  
**To:** Thayer, Kris <thayer.kris@epa.gov>  
**Cc:** Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>  
**Subject:** Re: AAAARGHHHHHHH!!

I honestly don't know what to think.

T.

On Jan 18, 2018, at 7:07 PM, Thayer, Kris <thayer.kris@epa.gov> wrote:



Sent from my iPhone

On Jan 18, 2018, at 6:39 PM, Bahadori, Tina <Bahadori.Tina@epa.gov> wrote:

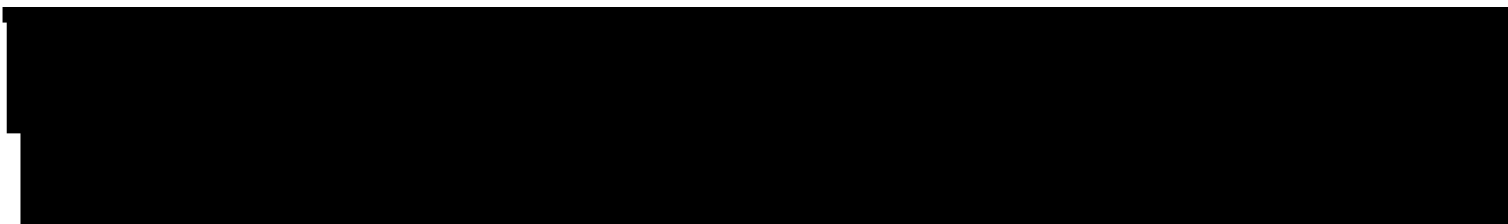
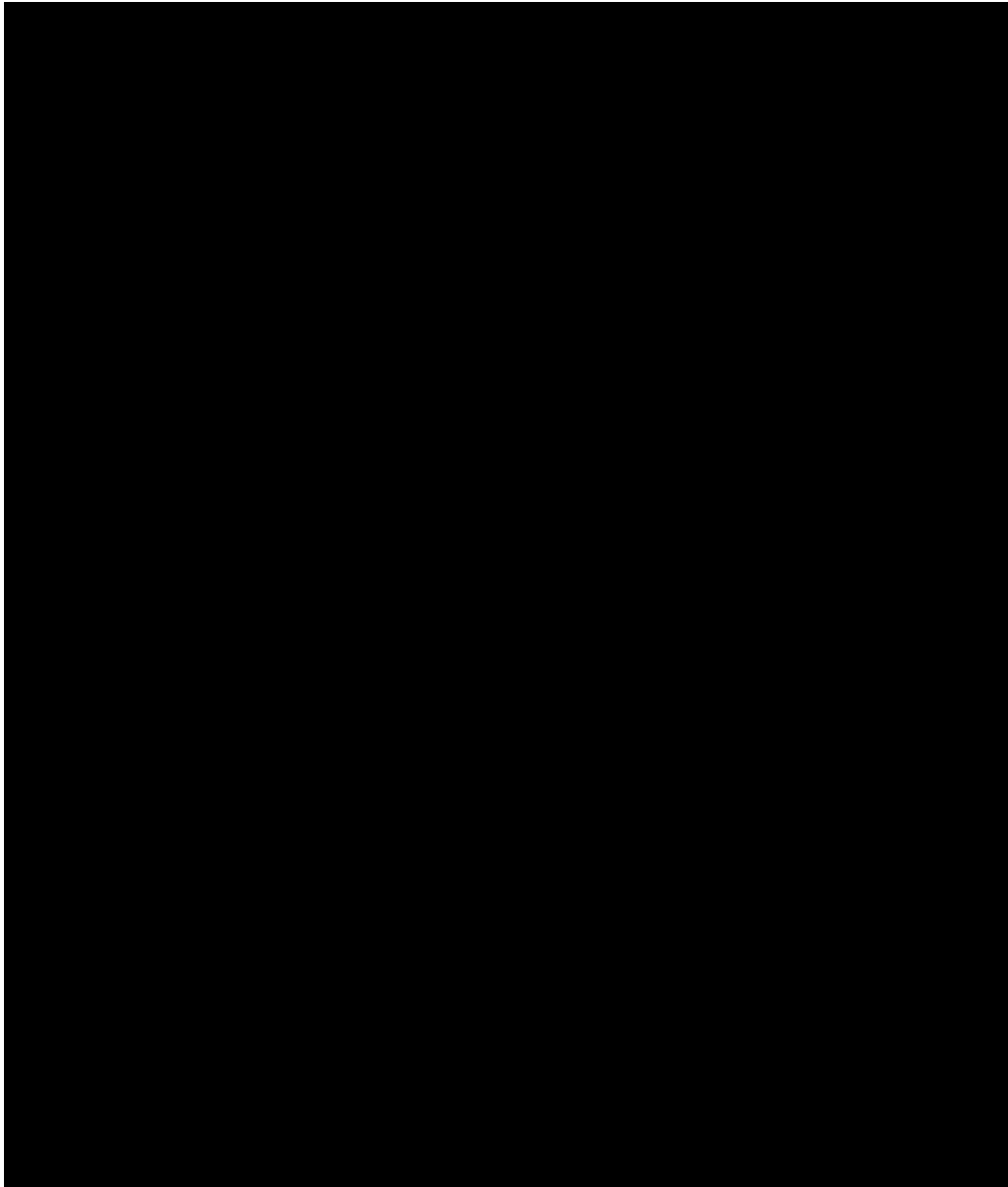
See below – I am furious...but let's see how it unfolds. I also set up a meeting with Richard on Monday. He is off tomorrow.

**From:** Bahadori, Tina

**Sent:** Thursday, January 18, 2018 6:34 PM

**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>

**Subject:** Need some advice



Tina

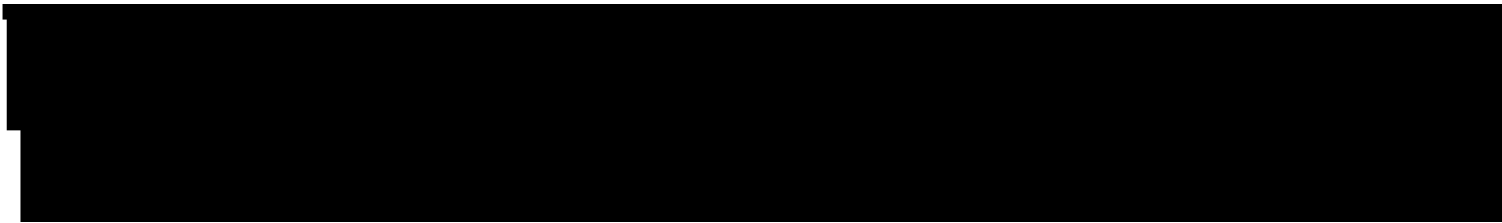
**From:** Yamada, Richard (Yujiro)  
**Sent:** Thursday, January 4, 2018 3:03 PM  
**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>; Rodan, Bruce <rodan.bruce@epa.gov>  
**Cc:** Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Robbins, Chris <Robbins.Chris@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>; Christian, Megan <Christian.Megan@epa.gov>; Fleming, Megan <Fleming.Megan@epa.gov>; Kuhn, Kevin <Kuhn.Kevin@epa.gov>; Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>; Perry, Dale <Perry.Dale@epa.gov>  
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Everyone,

A few comments and edits to the report. Some of the questions below are for internal purposes but I would like to know the answers (I don't have the original DPC doc in front of me). I enjoyed reading the systematic review doc – happy new year everyone,

Richard

Section A



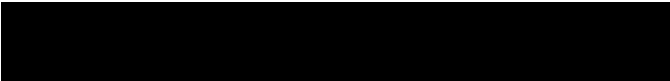


Section B

#1

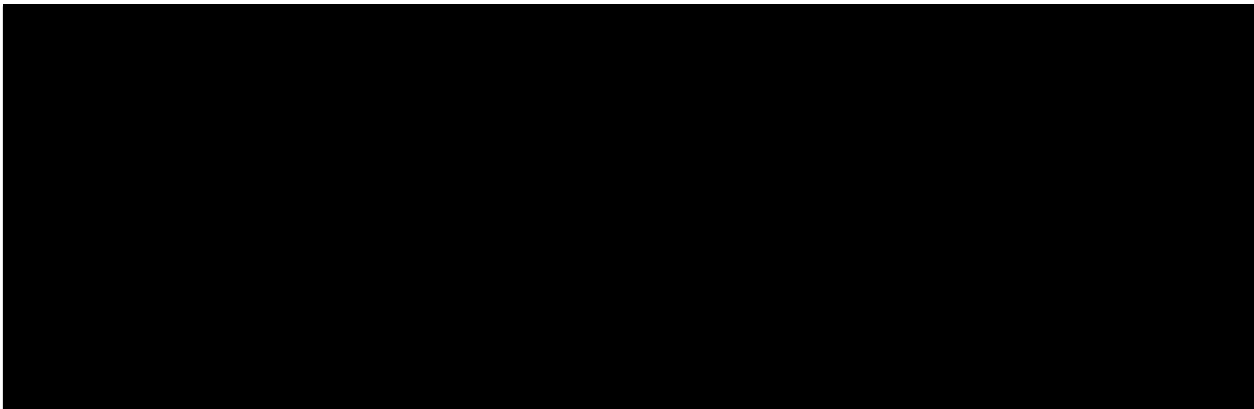


#2

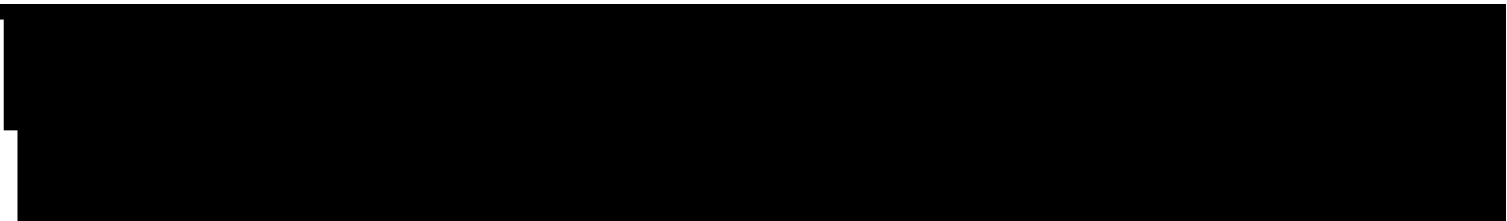
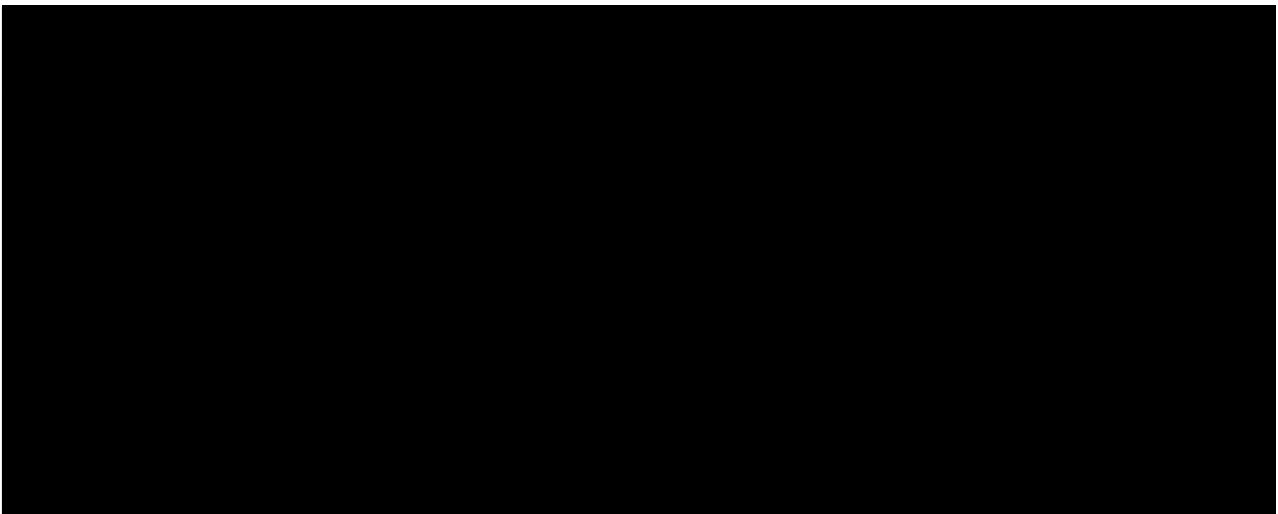


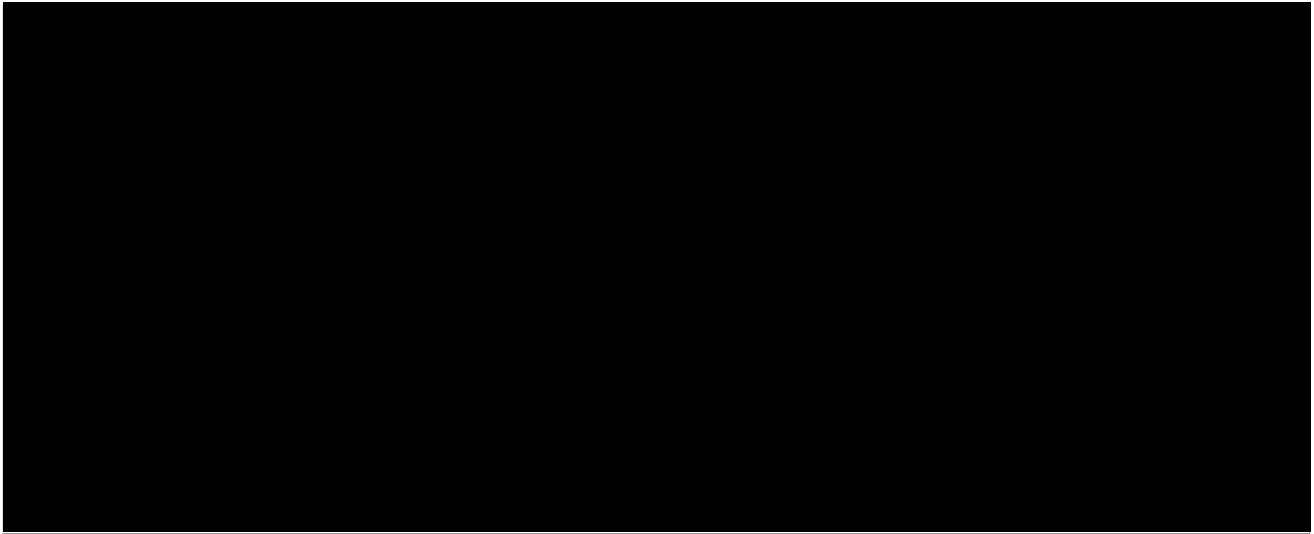


#3

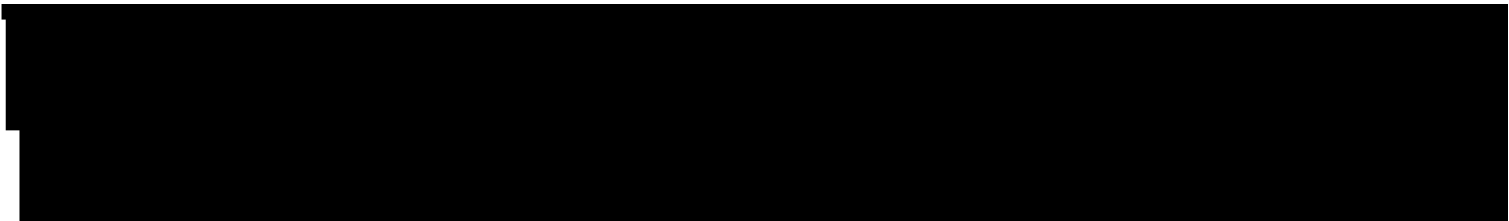
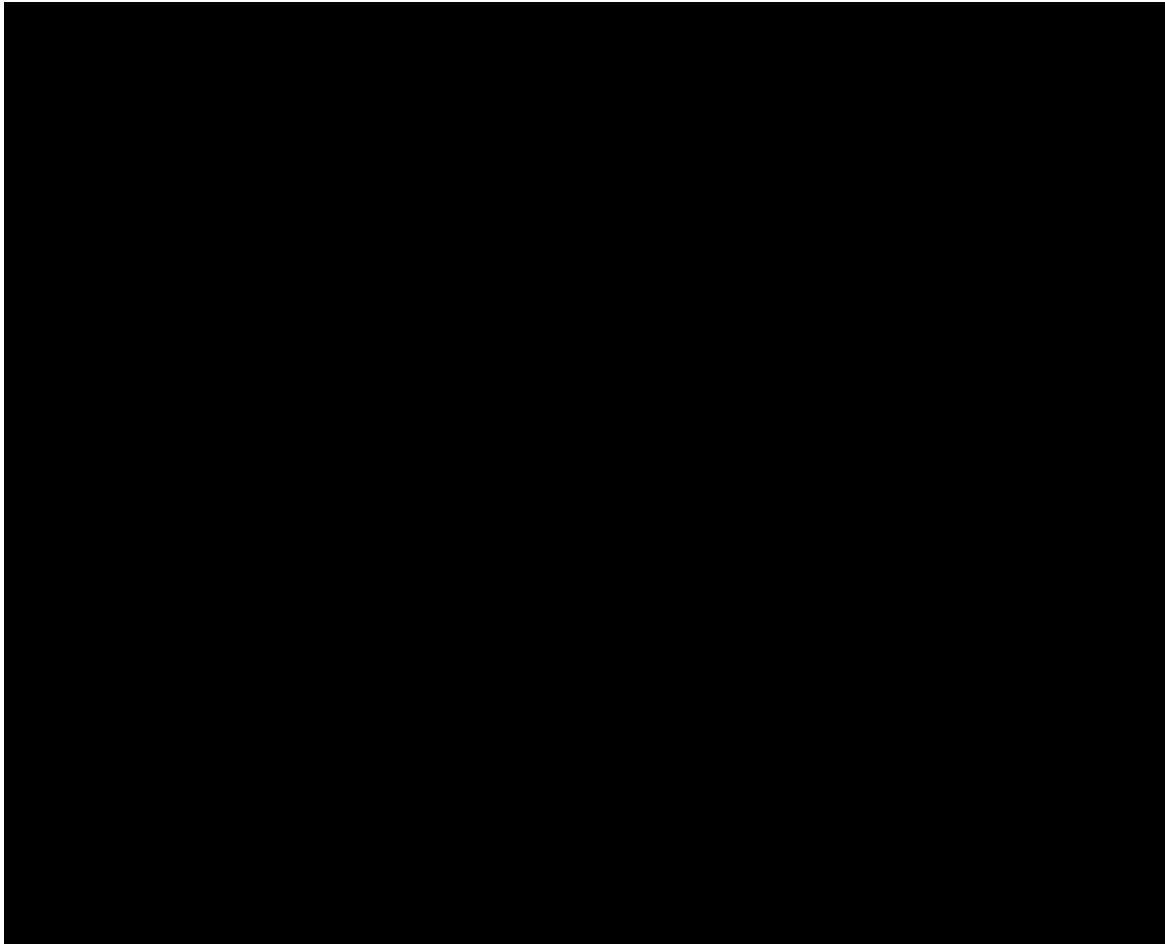


#4



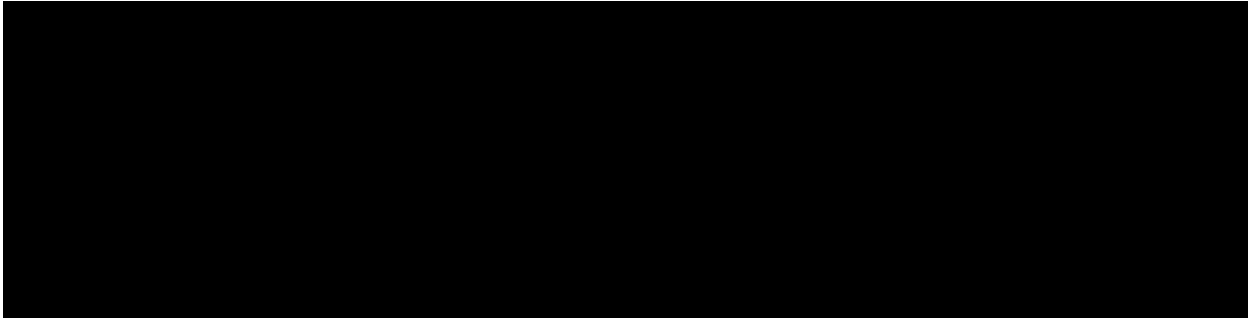


#5





Part C



**From:** Bahadori, Tina  
**Sent:** Friday, December 29, 2017 5:39 PM  
**To:** Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>  
**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>  
**Subject:** Re: Denka/Chloroprene Request for Correction - For Review

Thank you Bruce for this excellent feedback. You hit the nail on the head about some of the issues we were also debating. We will incorporate your feedback, but if needed may set up a call with you to strategize on language.

Have a very Happy New Year. See you on the other side.

Tina

On Dec 29, 2017, at 2:20 PM, Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)> wrote:

Tina et al.,

Hi. Nicely written responses. A few minor comments, one question:





Bruce D. Rodan

Associate Director for Science

U.S. EPA, Office of Research and Development

**From:** Bahadori, Tina

**Sent:** Thursday, December 21, 2017 11:04 AM

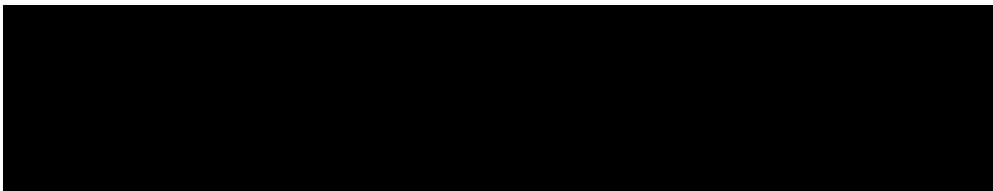
**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>


**Cc:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Denka/Chloroprene Request for Correction - For Review

Hello Everyone,

My apologies for bombarding you with requests – unfortunately we have some hefty deadlines in January. Recall that an NCEA team led by John Vandenberg and Kris Thayer have been working on a Response to a Request for Correction by Denka Polymers about the IRIS Chloroprene Assessment. Attached for your review is the current draft of the response to Denka that has two parts:





**As you know OEI has the lead on Requests for Correction.** And as you see below, OEI is already sharing this document with OMB to get their input on this version of the documents that has had input from OAR, OGC, OEI, and of course across NCEA. The deadline for responding to Denka is late January – although again, OEI controls the timeline for the process.

I am available to answer any questions you may have. It would be great to have your input by January 8<sup>th</sup>.

Thank you,

Tina

202-564-7903

**From:** Vandenberg, John  
**Sent:** Thursday, December 21, 2017 10:29 AM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>  
**Subject:** Fwd: EPA response - RFC 17002 IRIS Chloroprene

Heads up! Kevin went ahead and sent to OMB.

Sent from my iPhone

Begin forwarded message:

**From:** "Kirby, Kevin" <KIRBY.KEVIN@EPA.GOV>  
**Date:** December 21, 2017 at 10:26:55 AM EST  
**To:** "James H Kim@OMB.gov" <James\_H\_Kim@OMB.gov>  
**Cc:** "Vandenberg, John" <Vandenberg.John@epa.gov>, "Holloman, Vincia" <Holloman.Vincia@epa.gov>  
**Subject:** EPA response - RFC 17002 IRIS Chloroprene

Hello Jim,

Attached is EPA's draft response to RFC #17002, dealing with the IRIS assessment of chloroprene. The information owners in ORD prepared this draft and it has been reviewed by EPA Quality Staff and our OGC.

Could you please provide us with any comments or suggestions you may have on this draft response.

Thanks,

Kevin

Kevin J. Kirby,

Enterprise Data Architect

Enterprise Quality Management Division  
Office of Enterprise Information Programs  
Office of Environmental Information  
US Environmental Protection Agency

(202) 566-1656 desk

Exemption 6

**To:** Bahadori, Tina[Bahadori.Tina@epa.gov]; Thayer, Kris[thayer.kris@epa.gov]  
**Cc:** Jones, Samantha[Jones.Samantha@epa.gov]; Lavoie, Emma[Lavoie.Emma@epa.gov];  
Vandenberg, John[Vandenberg.John@epa.gov]  
**From:** Ross, Mary  
**Sent:** Fri 1/19/2018 12:09:28 AM  
**Subject:** RE: AAAARGHHHHHHH!!

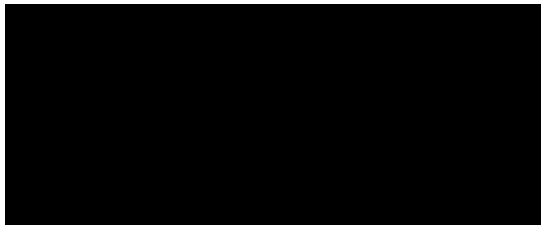
Delay factor? Richard was pushed to stall it?

**From:** Bahadori, Tina  
**Sent:** Thursday, January 18, 2018 7:09 PM  
**To:** Thayer, Kris <thayer.kris@epa.gov>  
**Cc:** Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>  
**Subject:** Re: AAAARGHHHHHHH!!

I honestly don't know what to think.

T.

On Jan 18, 2018, at 7:07 PM, Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)> wrote:

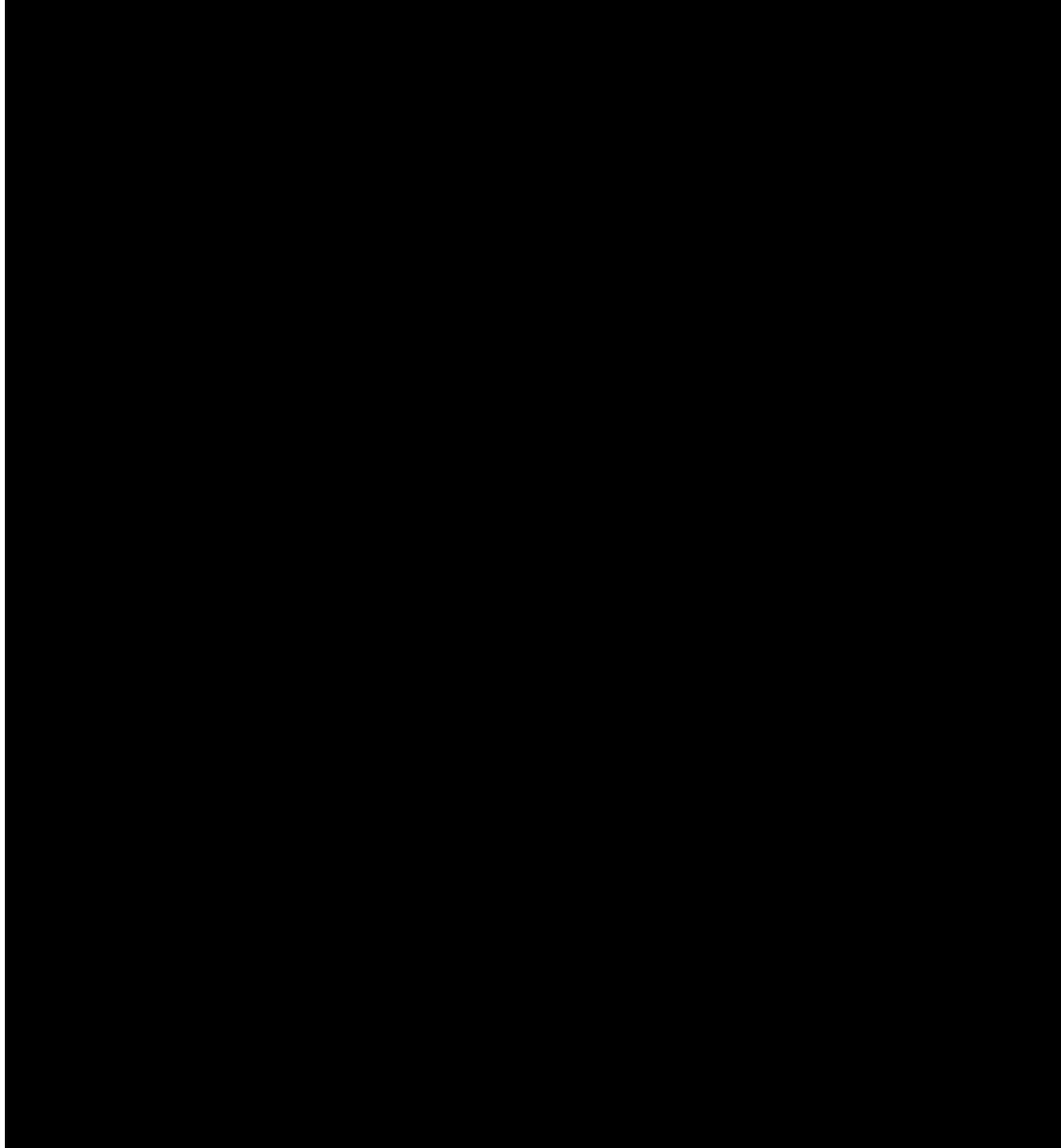


Sent from my iPhone

On Jan 18, 2018, at 6:39 PM, Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)> wrote:

See below – I am furious...but let's see how it unfolds. I also set up a meeting with Richard on Monday. He is off tomorrow.

**From:** Bahadori, Tina  
**Sent:** Thursday, January 18, 2018 6:34 PM  
**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>  
**Subject:** Need some advice



Tina

**From:** Yamada, Richard (Yujiro)  
**Sent:** Thursday, January 4, 2018 3:03 PM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>; Rodan, Bruce

<rodan.bruce@epa.gov>

**Cc:** Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Robbins, Chris <Robbins.Chris@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>; Christian, Megan <Christian.Megan@epa.gov>; Fleming, Megan <Fleming.Megan@epa.gov>; Kuhn, Kevin <Kuhn.Kevin@epa.gov>; Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>; Perry, Dale <Perry.Dale@epa.gov>

**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Everyone,

A few comments and edits to the report. Some of the questions below are for internal purposes but I would like to know the answers (I don't have the original DPC doc in front of me). I enjoyed reading the systematic review doc – happy new year everyone,

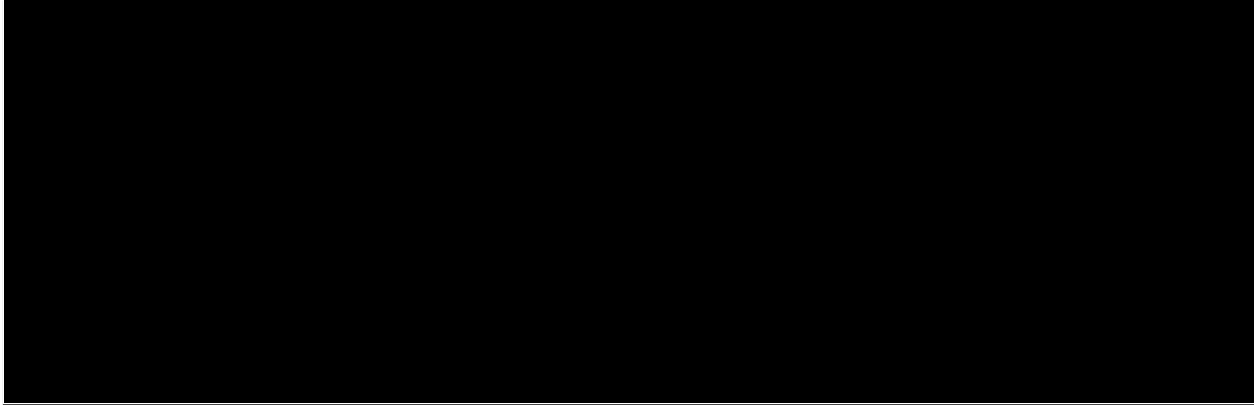
Richard

Section A

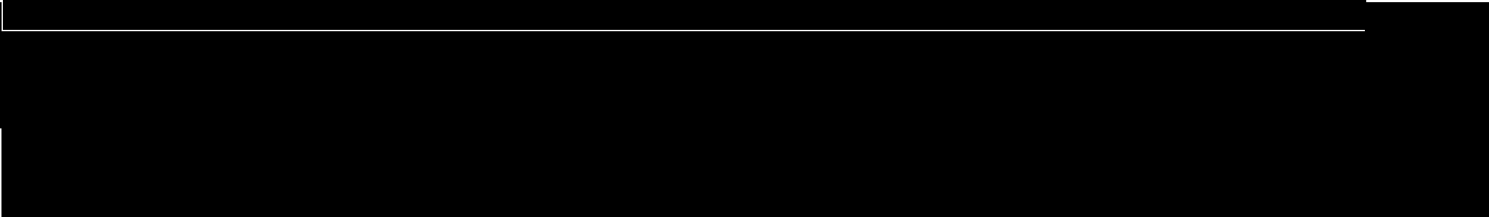
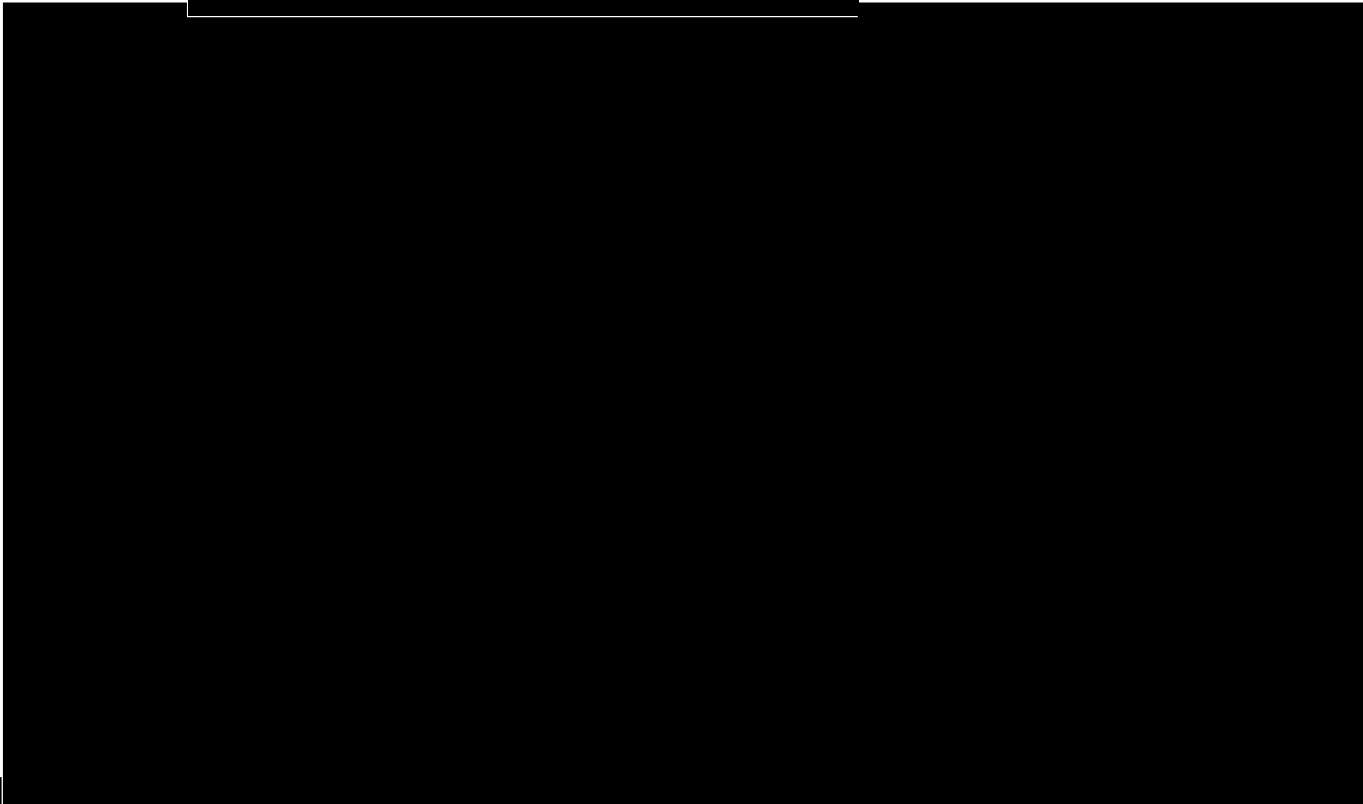


Section B

#1



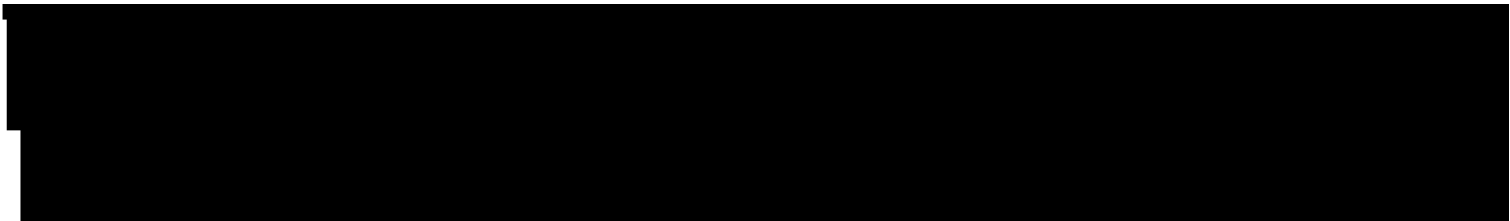
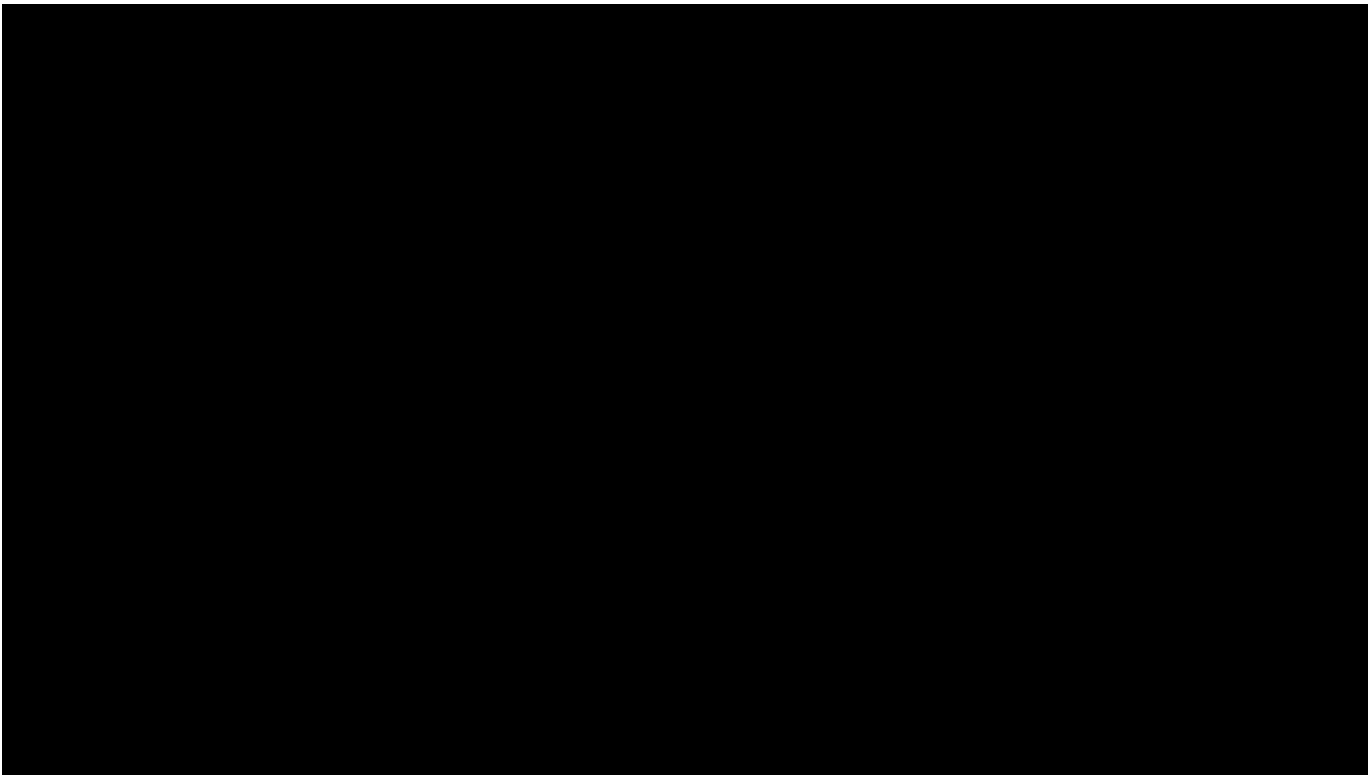
#2

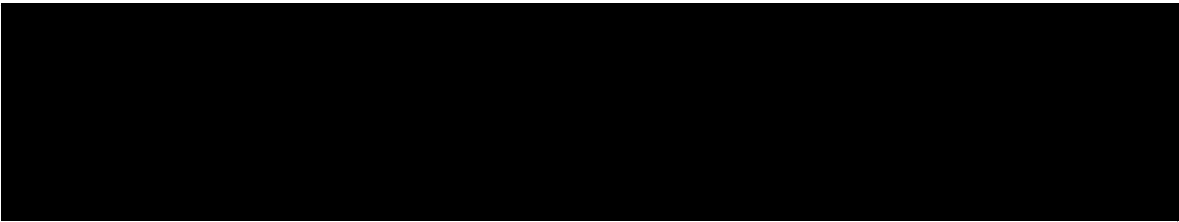


#3



#4

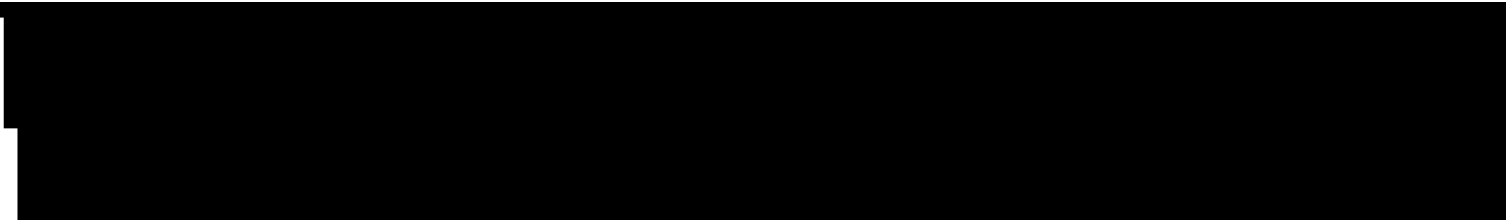




#5



Part C



**From:** Bahadori, Tina  
**Sent:** Friday, December 29, 2017 5:39 PM  
**To:** Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>  
**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>  
**Subject:** Re: Denka/Chloroprene Request for Correction - For Review

Thank you Bruce for this excellent feedback. You hit the nail on the head about some of the issues we were also debating. We will incorporate your feedback, but if needed may set up a call with you to strategize on language.

Have a very Happy New Year. See you on the other side.

Tina

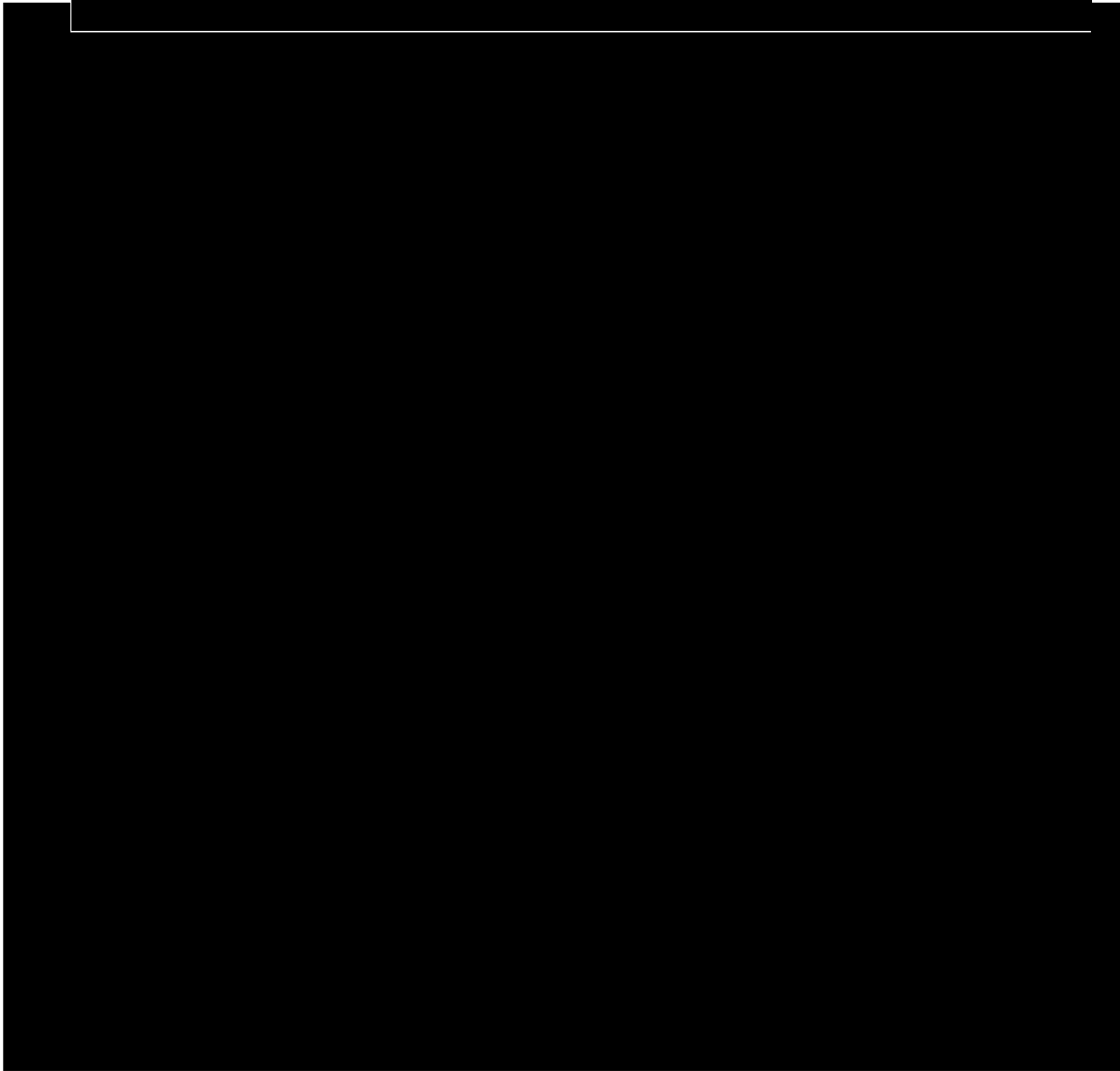
On Dec 29, 2017, at 2:20 PM, Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)> wrote:

Tina et al.,

Hi. Nicely written responses. A few minor comments, one question:

[REDACTED]

[REDACTED]



Bruce D. Rodan

Associate Director for Science

U.S. EPA, Office of Research and Development

**From:** Bahadori, Tina

**Sent:** Thursday, December 21, 2017 11:04 AM

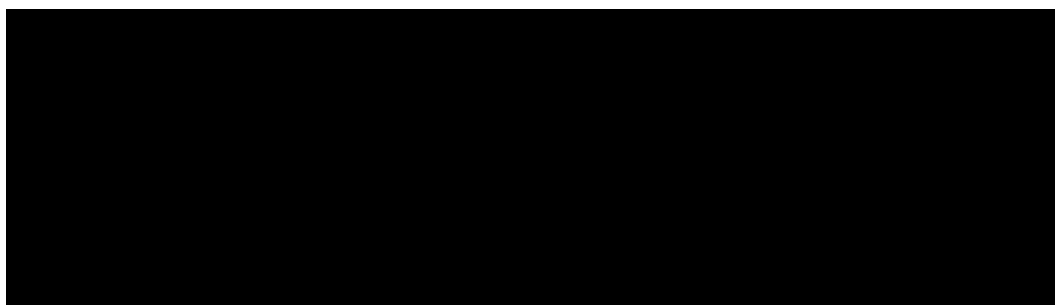
**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>

**Cc:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Denka/Chloroprene Request for Correction - For Review

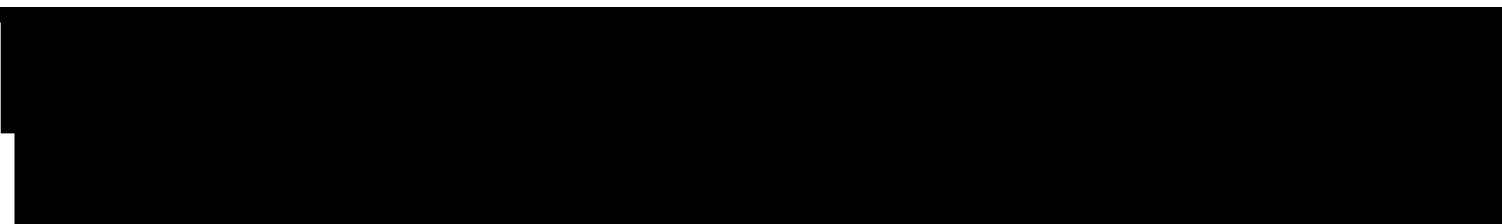
Hello Everyone,

My apologies for bombarding you with requests – unfortunately we have some hefty deadlines in January. Recall that an NCEA team led by John Vandenberg and Kris Thayer have been working on a Response to a Request for Correction by Denka Polymers about the IRIS Chloroprene Assessment. Attached for your review is the current draft of the response to Denka that has two parts:



**As you know OEI has the lead on Requests for Correction.** And as you see below, OEI is already sharing this document with OMB to get their input on this version of the documents that has had input from OAR, OGC, OEI, and of course across NCEA. The deadline for responding to Denka is late January – although again, OEI controls the timeline for the process.

I am available to answer any questions you may have. It would be great to have your input by January 8<sup>th</sup>.



Thank you,

Tina

202-564-7903

**From:** Vandenberg, John  
**Sent:** Thursday, December 21, 2017 10:29 AM  
**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>  
**Subject:** Fwd: EPA response - RFC 17002 IRIS Chloroprene

Heads up! Kevin went ahead and sent to OMB.

Sent from my iPhone

Begin forwarded message:

**From:** "Kirby, Kevin" <KIRBY.KEVIN@EPA.GOV>  
**Date:** December 21, 2017 at 10:26:55 AM EST  
**To:** "James H Kim@OMB.gov" <James\_H\_Kim@OMB.gov>  
**Cc:** "Vandenberg, John" <Vandenberg.John@epa.gov>, "Holloman, Vincia" <Holloman.Vincia@epa.gov>  
**Subject:** EPA response - RFC 17002 IRIS Chloroprene

Hello Jim,

Attached is EPA's draft response to RFC #17002, dealing with the IRIS assessment of chloroprene. The information owners in ORD prepared this draft and it has been reviewed by EPA Quality Staff and our OGC.

Could you please provide us with any comments or suggestions you may have on this draft response.

Thanks,

Kevin

Kevin J. Kirby,

Enterprise Data Architect

Enterprise Quality Management Division

Office of Enterprise Information Programs

Office of Environmental Information

US Environmental Protection Agency

(202) 566-1656 desk

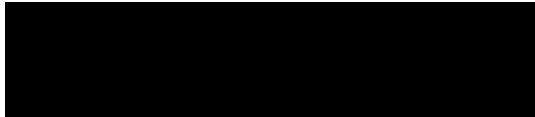
Exemption 6



**To:** Thayer, Kris[thayer.kris@epa.gov]  
**Cc:** Ross, Mary[Ross.Mary@epa.gov]; Jones, Samantha[Jones.Samantha@epa.gov]; Lavoie, Emma[Lavoie.Emma@epa.gov]; Vandenberg, John[Vandenberg.John@epa.gov]  
**From:** Bahadori, Tina  
**Sent:** Fri 1/19/2018 12:08:40 AM  
**Subject:** Re: AAAARGHHHHHHH!!

I honestly don't know what to think.  
T.

On Jan 18, 2018, at 7:07 PM, Thayer, Kris <thayer.kris@epa.gov> wrote:

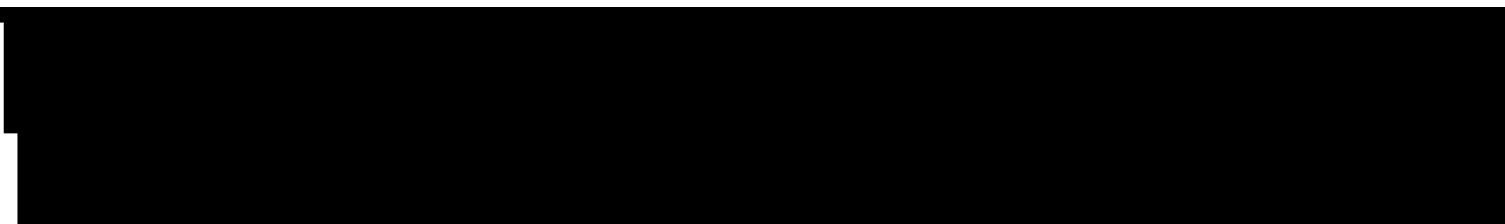
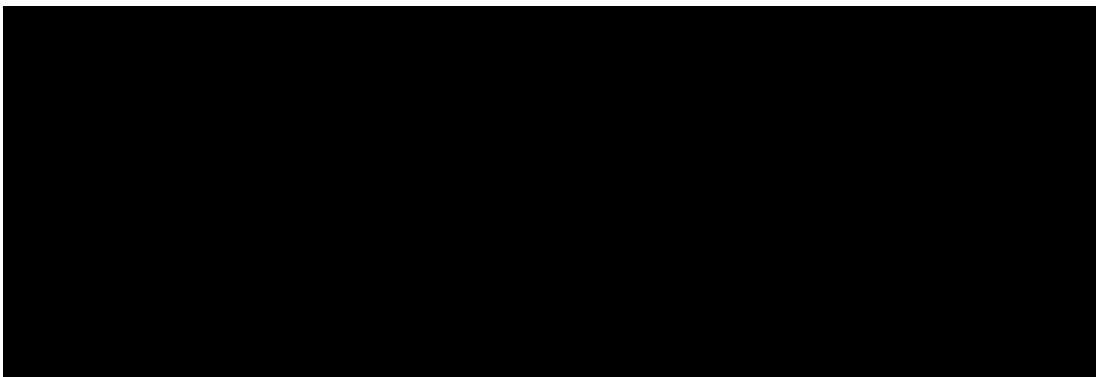


Sent from my iPhone

On Jan 18, 2018, at 6:39 PM, Bahadori, Tina <Bahadori.Tina@epa.gov> wrote:

See below – I am furious...but let's see how it unfolds. I also set up a meeting with Richard on Monday. He is off tomorrow.

**From:** Bahadori, Tina  
**Sent:** Thursday, January 18, 2018 6:34 PM  
**To:** Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Robbins, Chris <Robbins.Chris@epa.gov>  
**Subject:** Need some advice

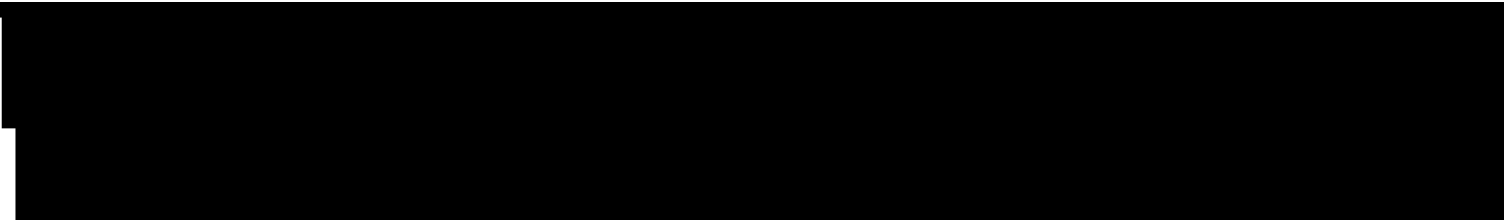




Tina

**From:** Yamada, Richard (Yujiro)  
**Sent:** Thursday, January 4, 2018 3:03 PM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>  
**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>  
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Everyone,



A few comments and edits to the report. Some of the questions below are for internal purposes but I would like to know the answers (I don't have the original DPC doc in front of me). I enjoyed reading the systematic review doc – happy new year everyone,

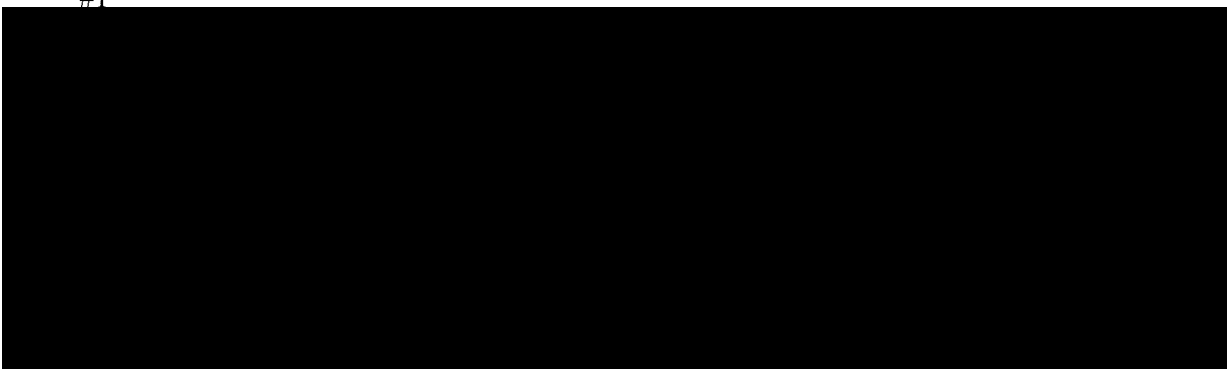
Richard

Section A



Section B

#1



#2

[REDACTED]

[REDACTED]

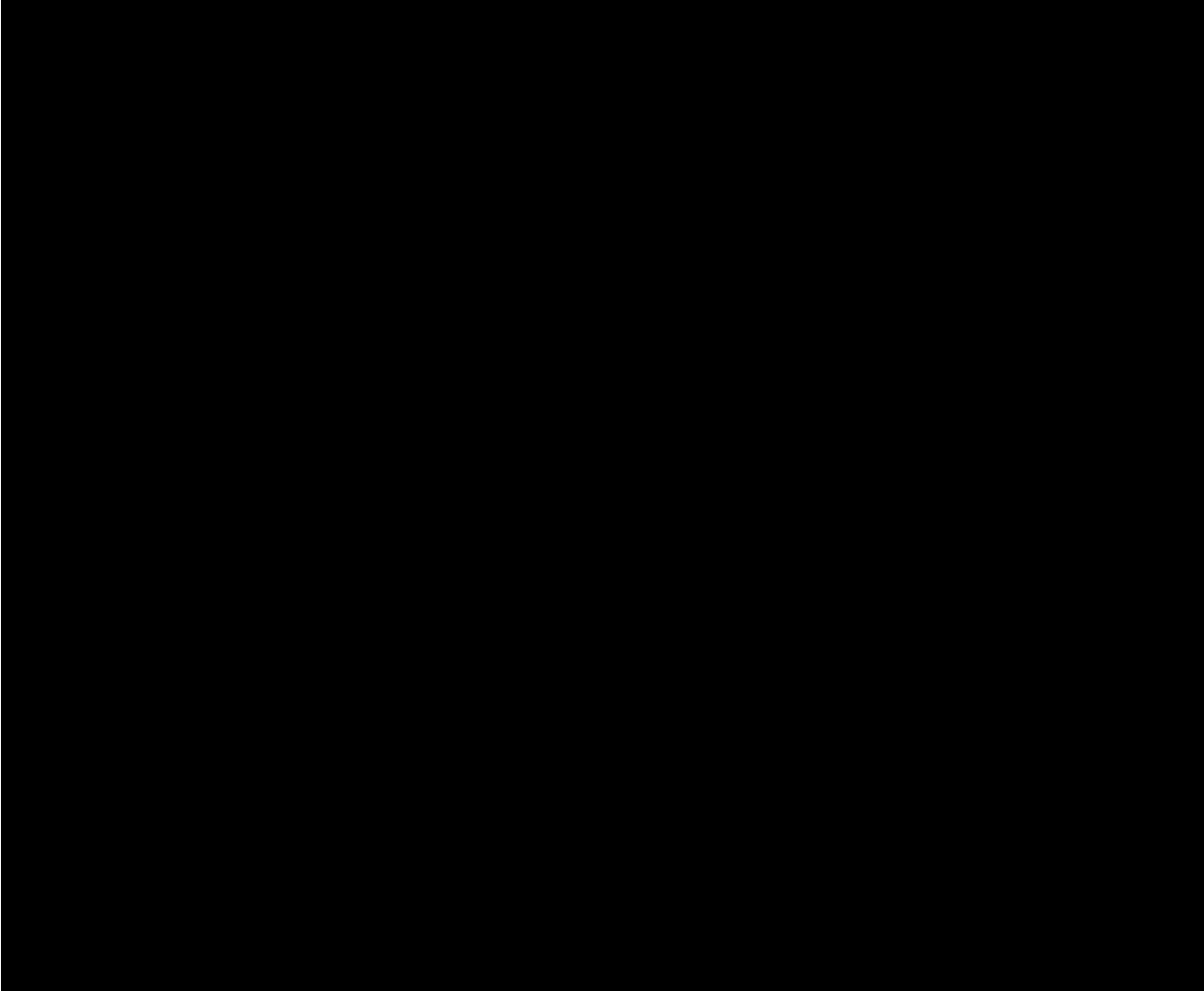
[REDACTED]

#3

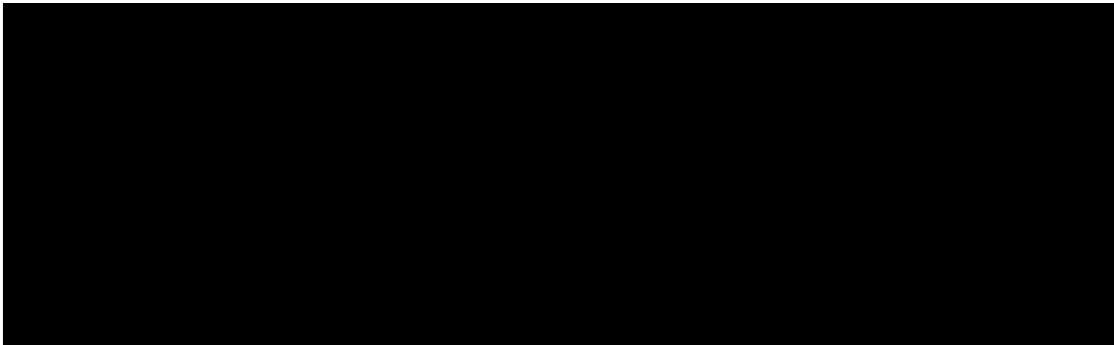
[REDACTED]

[REDACTED]

#4



#5





Part C



**From:** Bahadori, Tina

**Sent:** Friday, December 29, 2017 5:39 PM

**To:** Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>

**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan

<[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>  
**Subject:** Re: Denka/Chloroprene Request for Correction - For Review

Thank you Bruce for this excellent feedback. You hit the nail on the head about some of the issues we were also debating. We will incorporate your feedback, but if needed may set up a call with you to strategize on language.

Have a very Happy New Year. See you on the other side.

Tina

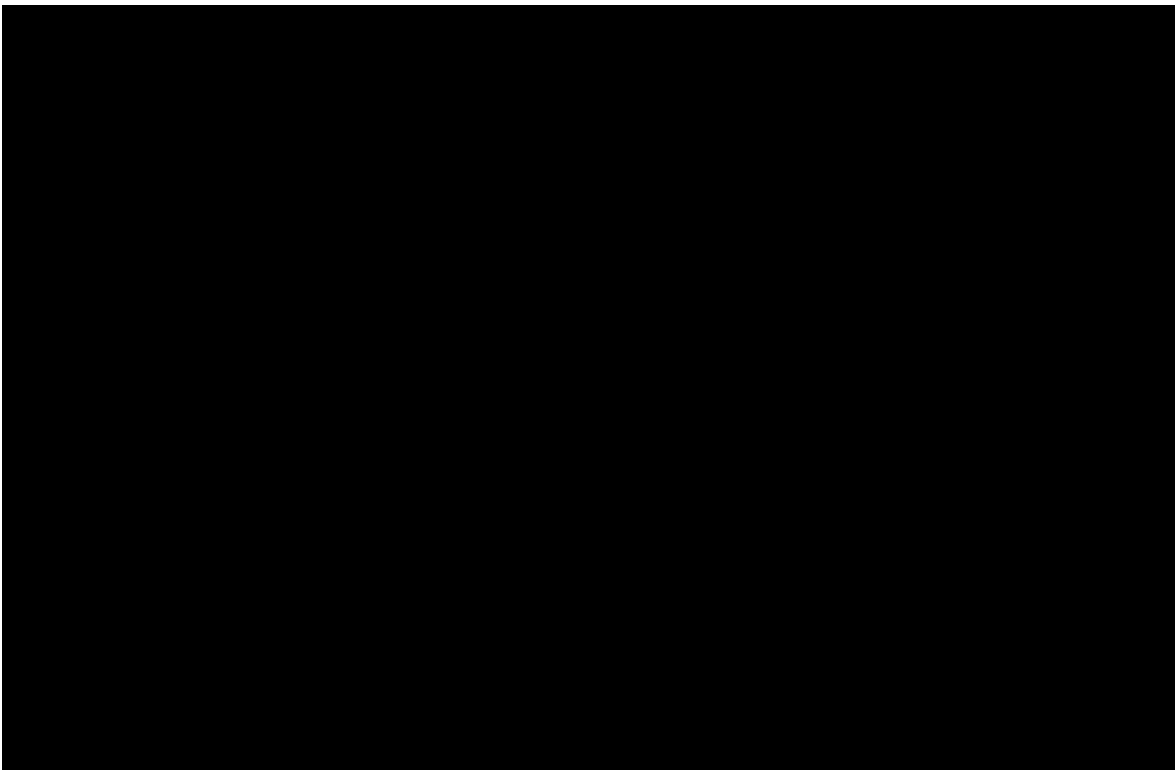
On Dec 29, 2017, at 2:20 PM, Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)> wrote:

Tina et al.,

Hi. Nicely written responses. A few minor comments, one question:

[REDACTED]

[REDACTED]



Bruce D. Rodan

Associate Director for Science

U.S. EPA, Office of Research and Development

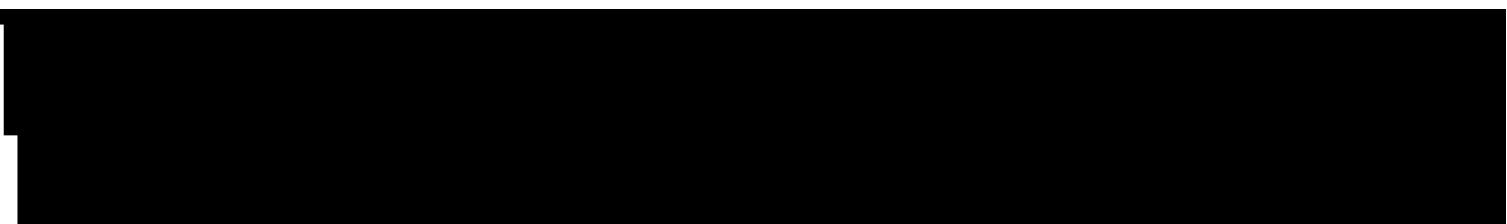
**From:** Bahadori, Tina

**Sent:** Thursday, December 21, 2017 11:04 AM

**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>

**Cc:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Denka/Chloroprene Request for Correction - For Review





Hello Everyone,

My apologies for bombarding you with requests – unfortunately we have some hefty deadlines in January. Recall that an NCEA team led by John Vandenberg and Kris Thayer have been working on a Response to a Request for Correction by Denka Polymers about the IRIS Chloroprene Assessment. Attached for your review is the current draft of the response to Denka that has two parts:



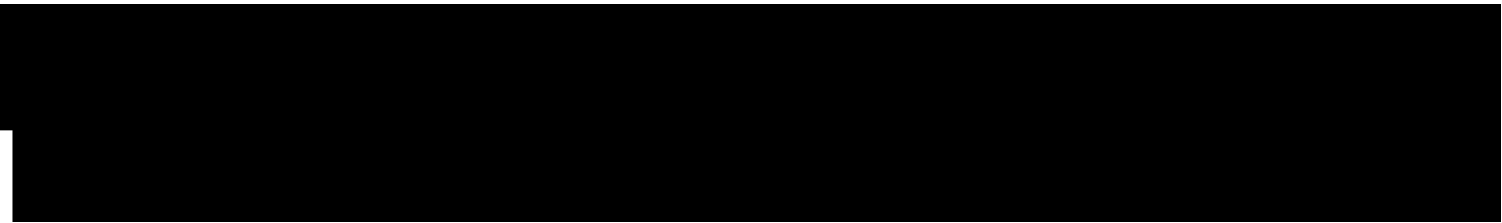
**As you know OEI has the lead on Requests for Correction.** And as you see below, OEI is already sharing this document with OMB to get their input on this version of the documents that has had input from OAR, OGC, OEI, and of course across NCEA. The deadline for responding to Denka is late January – although again, OEI controls the timeline for the process.

I am available to answer any questions you may have. It would be great to have your input by January 8<sup>th</sup>.

Thank you,

Tina

202-564-7903



**From:** Vandenberg, John  
**Sent:** Thursday, December 21, 2017 10:29 AM  
**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>  
**Subject:** Fwd: EPA response - RFC 17002 IRIS Chloroprene

Heads up! Kevin went ahead and sent to OMB.

Sent from my iPhone

Begin forwarded message:

**From:** "Kirby, Kevin" <KIRBY.KEVIN@EPA.GOV>  
**Date:** December 21, 2017 at 10:26:55 AM EST  
**To:** "James\_H\_Kim@OMB.gov" <James\_H\_Kim@OMB.gov>  
**Cc:** "Vandenberg, John" <Vandenberg.John@epa.gov>, "Holloman, Vincia" <Holloman.Vincia@epa.gov>  
**Subject:** EPA response - RFC 17002 IRIS Chloroprene

Hello Jim,

Attached is EPA's draft response to RFC #17002, dealing with the IRIS assessment of chloroprene. The information owners in ORD prepared this draft and it has been reviewed by EPA Quality Staff and our OGC.

Could you please provide us with any comments or suggestions you may have on this draft response.

Thanks,

Kevin

Kevin J. Kirby,

Enterprise Data Architect

Enterprise Quality Management Division

Office of Enterprise Information Programs

Office of Environmental Information

US Environmental Protection Agency

(202) 566-1656 desk

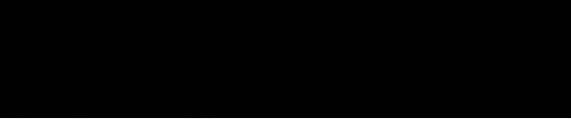
Exemption 6

[REDACTED]

[REDACTED]

[REDACTED]

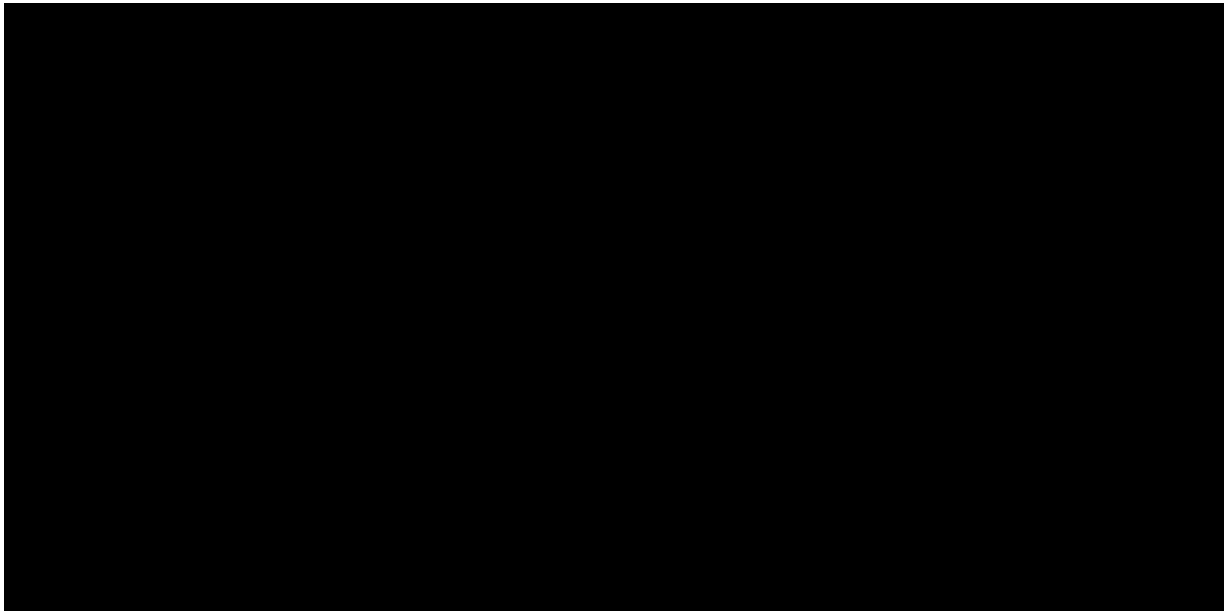
**To:** Bahadori, Tina[Bahadori.Tina@epa.gov]  
**Cc:** Ross, Mary[Ross.Mary@epa.gov]; Jones, Samantha[Jones.Samantha@epa.gov]; Lavoie, Emma[Lavoie.Emma@epa.gov]; Vandenberg, John[Vandenberg.John@epa.gov]  
**From:** Thayer, Kris  
**Sent:** Fri 1/19/2018 12:07:48 AM  
**Subject:** Re: AAAARGHHHHHHH!!

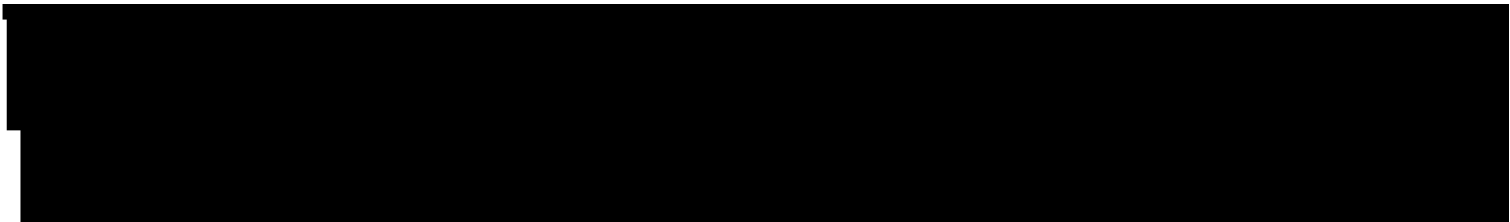
  
Sent from my iPhone

On Jan 18, 2018, at 6:39 PM, Bahadori, Tina <Bahadori.Tina@epa.gov> wrote:

See below – I am furious...but let's see how it unfolds. I also set up a meeting with Richard on Monday. He is off tomorrow.

**From:** Bahadori, Tina  
**Sent:** Thursday, January 18, 2018 6:34 PM  
**To:** Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Robbins, Chris <Robbins.Chris@epa.gov>  
**Subject:** Need some advice







Tina

**From:** Yamada, Richard (Yujiro)

**Sent:** Thursday, January 4, 2018 3:03 PM

**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>

**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

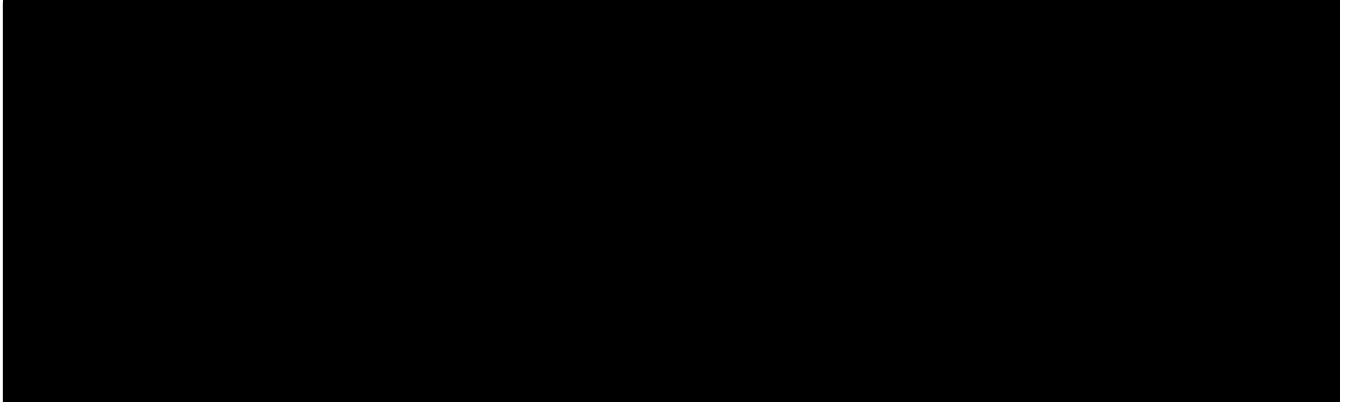
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Everyone,

A few comments and edits to the report. Some of the questions below are for internal purposes but I would like to know the answers (I don't have the original DPC doc in front of me). I enjoyed reading the systematic review doc – happy new year everyone,

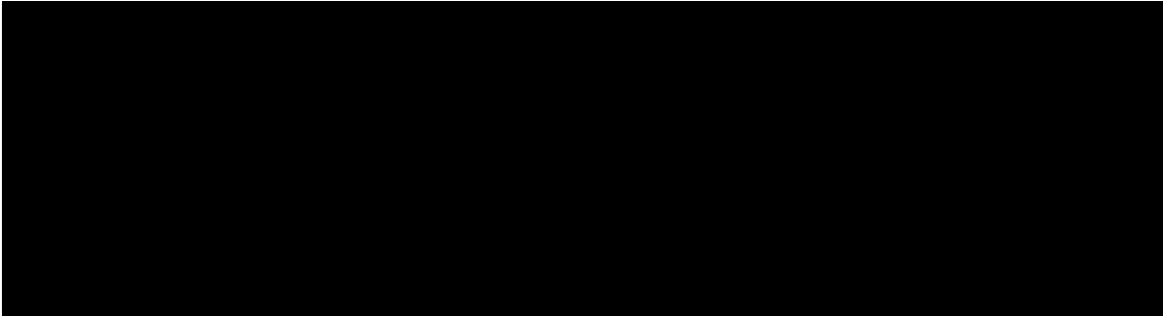
Richard

Section A

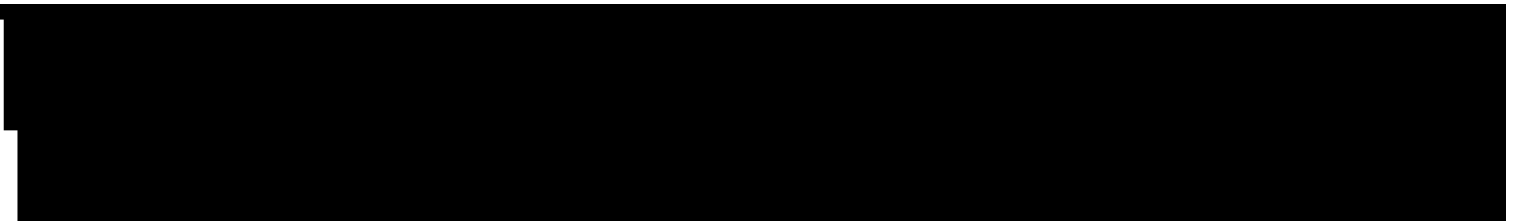


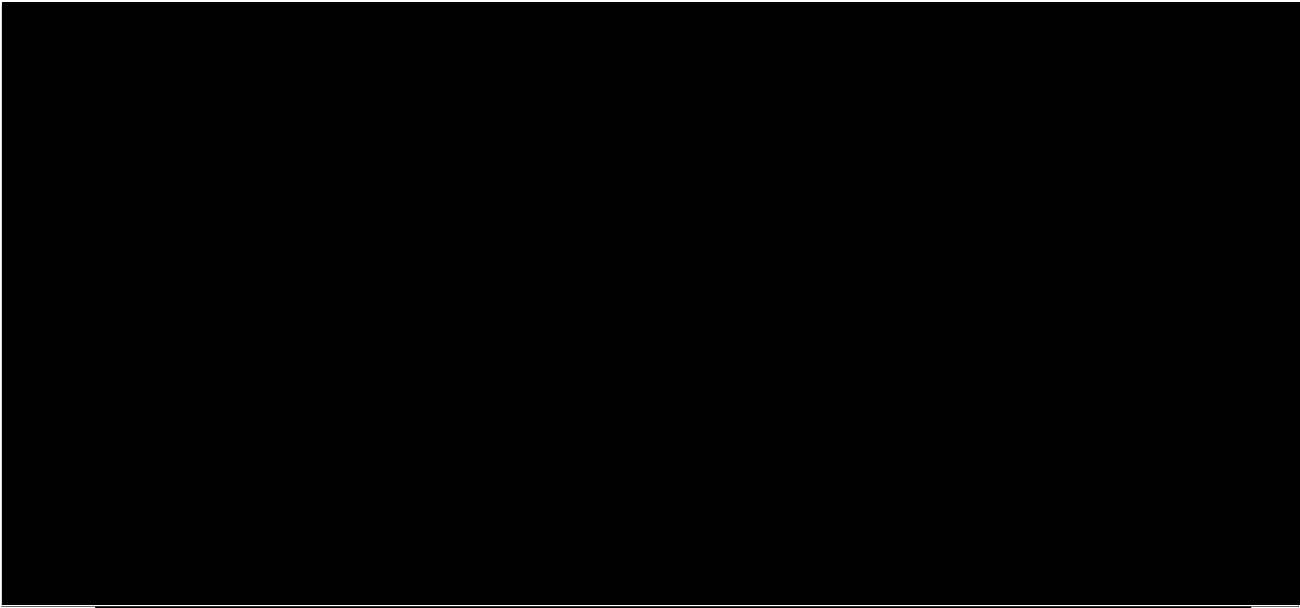
Section B

#1



#2

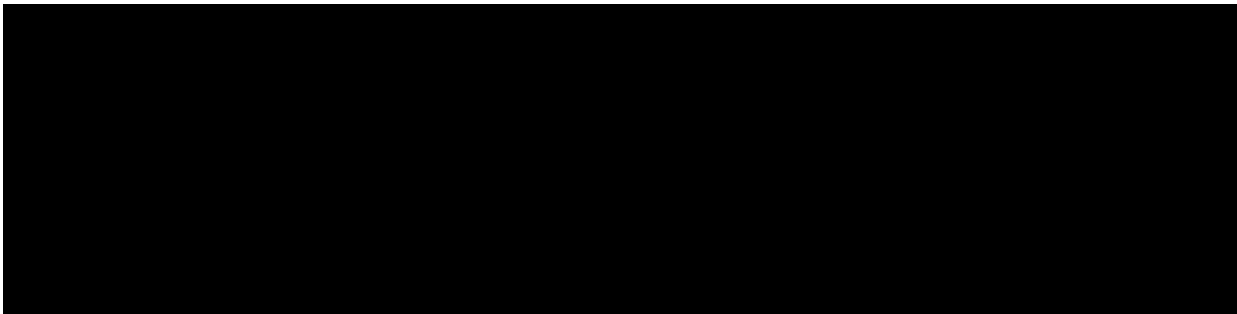


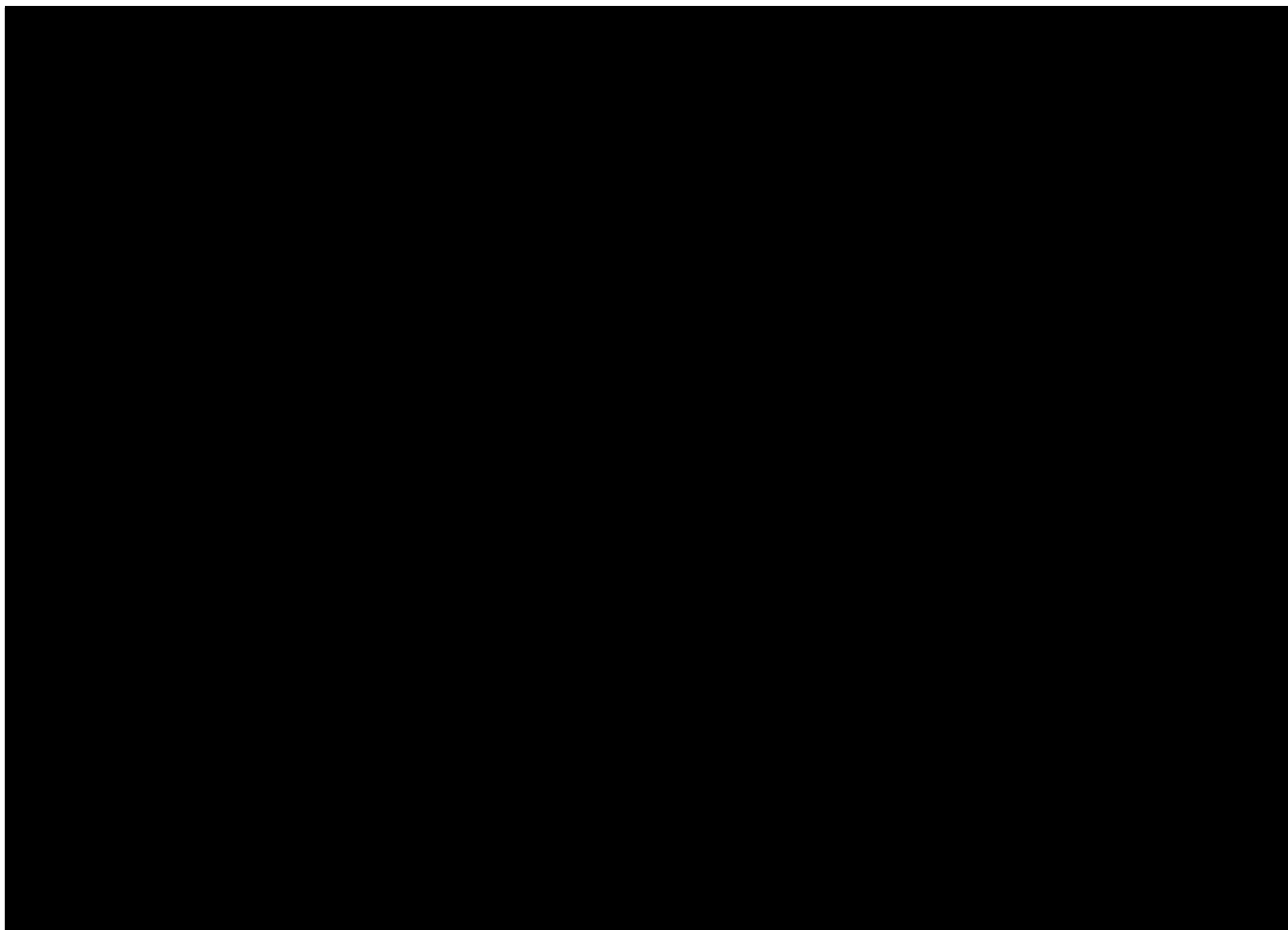


#3

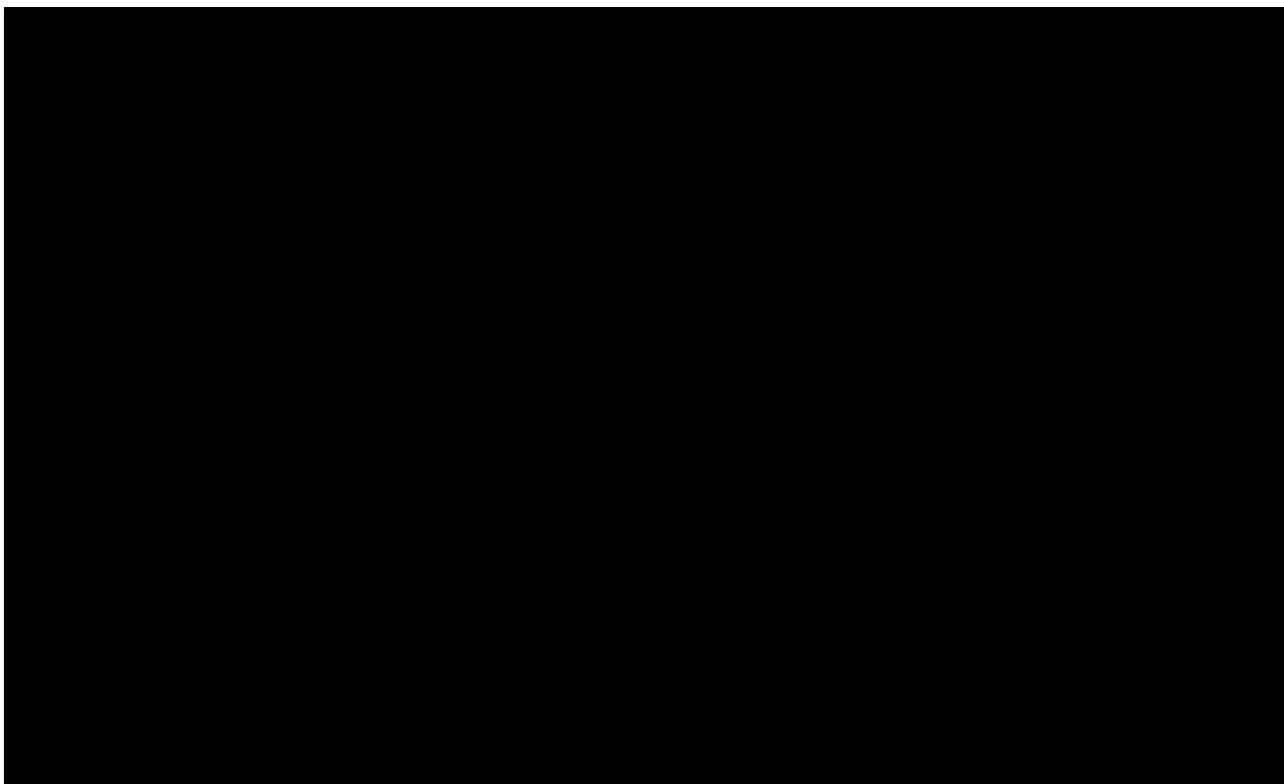


#4





#5





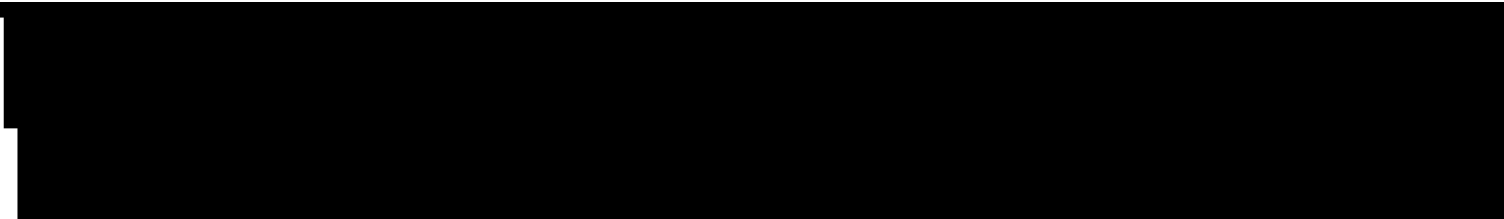


Part C



**From:** Bahadori, Tina  
**Sent:** Friday, December 29, 2017 5:39 PM  
**To:** Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>  
**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>  
**Subject:** Re: Denka/Chloroprene Request for Correction - For Review

Thank you Bruce for this excellent feedback. You hit the nail on the head about some of the issues we were also debating. We will incorporate your feedback, but if needed may set up a call with you to strategize on language.



Have a very Happy New Year. See you on the other side.

Tina

On Dec 29, 2017, at 2:20 PM, Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)> wrote:

Tina et al.,

Hi. Nicely written responses. A few minor comments, one question:

[REDACTED]

[REDACTED]



Bruce D. Rodan

Associate Director for Science

U.S. EPA, Office of Research and Development

**From:** Bahadori, Tina

**Sent:** Thursday, December 21, 2017 11:04 AM


**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>

**Cc:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Denka/Chloroprene Request for Correction - For Review

Hello Everyone,

My apologies for bombarding you with requests – unfortunately we have some hefty deadlines in January. Recall that an NCEA team led by John Vandenberg and Kris Thayer have been working on a Response to a Request for Correction by Denka Polymers about the IRIS Chloroprene Assessment. Attached for your review is the current draft of the response to Denka that has two parts:



**As you know OEI has the lead on Requests for Correction.** And as you see below, OEI is already sharing this document with OMB to get their input on this version of the documents that has had input from OAR, OGC, OEI, and of course across NCEA. The deadline for responding to Denka is late January – although again, OEI controls the timeline for the process.

I am available to answer any questions you may have. It would be great to have your input by January 8<sup>th</sup>.

Thank you,

Tina

202-564-7903

**From:** Vandenberg, John

**Sent:** Thursday, December 21, 2017 10:29 AM

**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>

**Subject:** Fwd: EPA response - RFC 17002 IRIS Chloroprene

Heads up! Kevin went ahead and sent to OMB.

Sent from my iPhone

Begin forwarded message:

**From:** "Kirby, Kevin" <[KIRBY.KEVIN@EPA.GOV](mailto:KIRBY.KEVIN@EPA.GOV)>

**Date:** December 21, 2017 at 10:26:55 AM EST  
**To:** "[James H Kim@OMB.gov](mailto:James_H_Kim@OMB.gov)" <[James\\_H\\_Kim@OMB.gov](mailto:James_H_Kim@OMB.gov)>  
**Cc:** "Vandenberg, John" <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>, "Holloman, Vincia" <[Holloman.Vincia@epa.gov](mailto:Holloman.Vincia@epa.gov)>  
**Subject:** EPA response - RFC 17002 IRIS Chloroprene

Hello Jim,

Attached is EPA's draft response to RFC #17002, dealing with the IRIS assessment of chloroprene. The information owners in ORD prepared this draft and it has been reviewed by EPA Quality Staff and our OGC.

Could you please provide us with any comments or suggestions you may have on this draft response.

Thanks,

Kevin

Kevin J. Kirby,

Enterprise Data Architect

Enterprise Quality Management Division

Office of Enterprise Information Programs

Office of Environmental Information

US Environmental Protection Agency

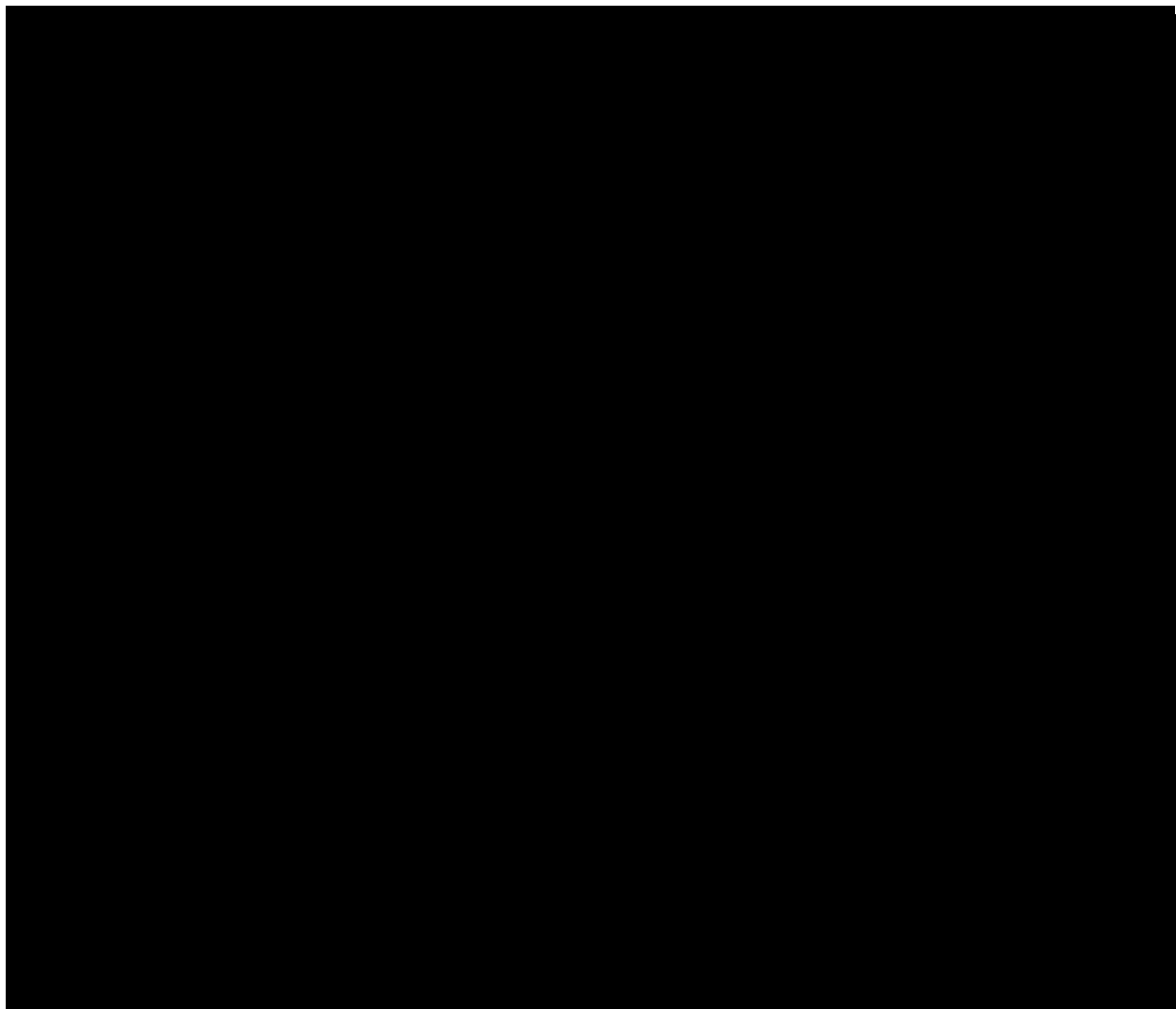
(202) 566-1656 desk

Exemption 6

**To:** Ross, Mary[Ross.Mary@epa.gov]; Jones, Samantha[Jones.Samantha@epa.gov]; Lavoie, Emma[Lavoie.Emma@epa.gov]; Vandenberg, John[Vandenberg.John@epa.gov]; Thayer, Kris[thayer.kris@epa.gov]  
**From:** Bahadori, Tina  
**Sent:** Thur 1/18/2018 11:39:02 PM  
**Subject:** AAAARGHHHHHHH!!

See below – I am furious...but let's see how it unfolds. I also set up a meeting with Richard on Monday. He is off tomorrow.

**From:** Bahadori, Tina  
**Sent:** Thursday, January 18, 2018 6:34 PM  
**To:** Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Robbins, Chris <Robbins.Chris@epa.gov>  
**Subject:** Need some advice





Tina

**From:** Yamada, Richard (Yujiro)

**Sent:** Thursday, January 4, 2018 3:03 PM

**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>

**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Everyone,

A few comments and edits to the report. Some of the questions below are for internal purposes but I would like to know the answers (I don't have the original DPC doc in front of me). I enjoyed reading the systematic review doc – happy new year everyone,

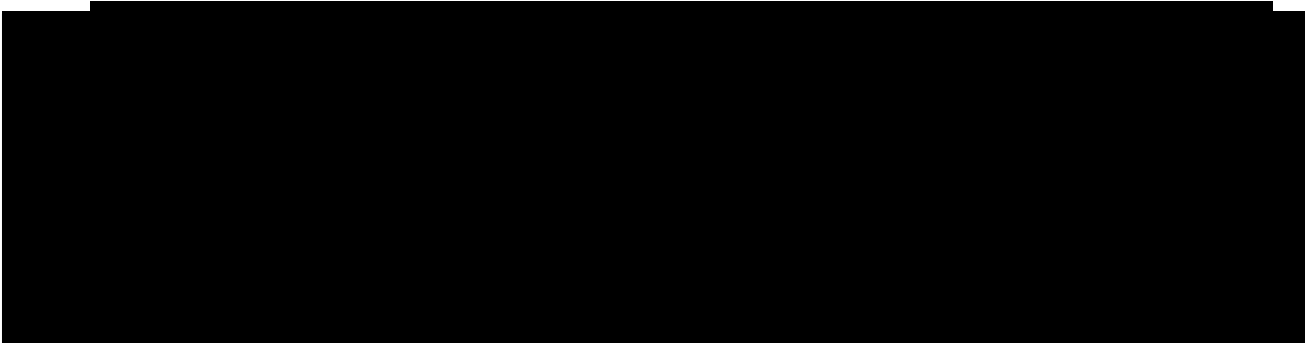
Richard

Section A

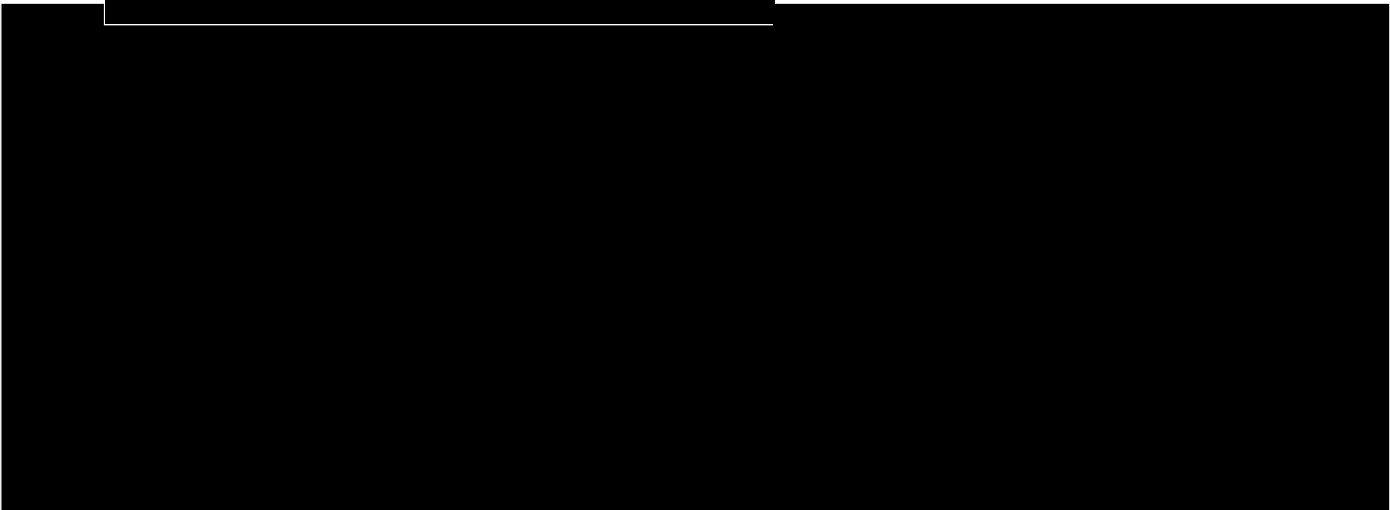


Section B

#1



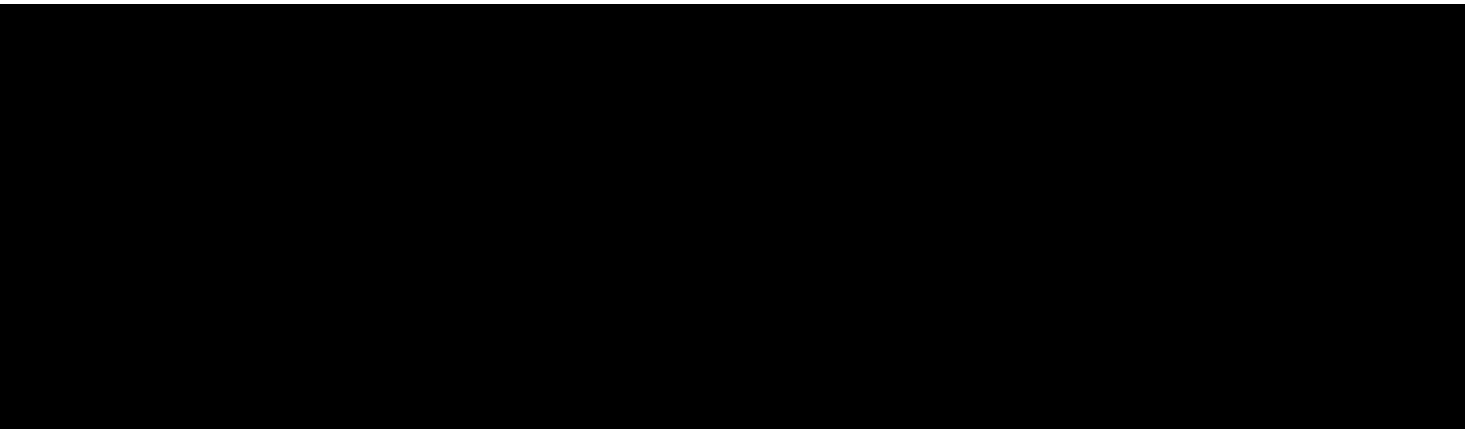
#2



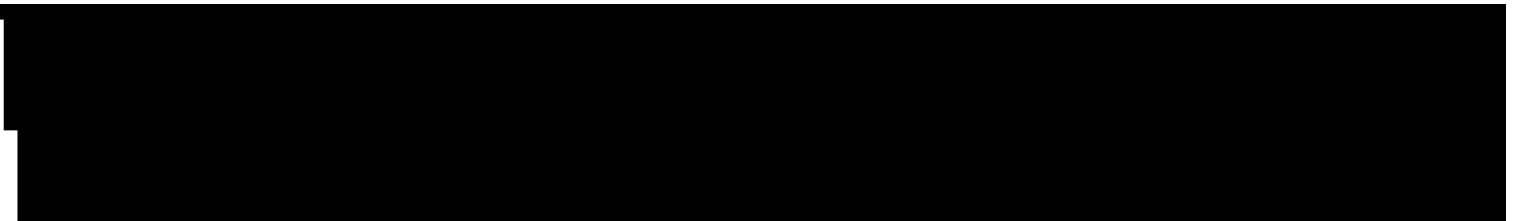
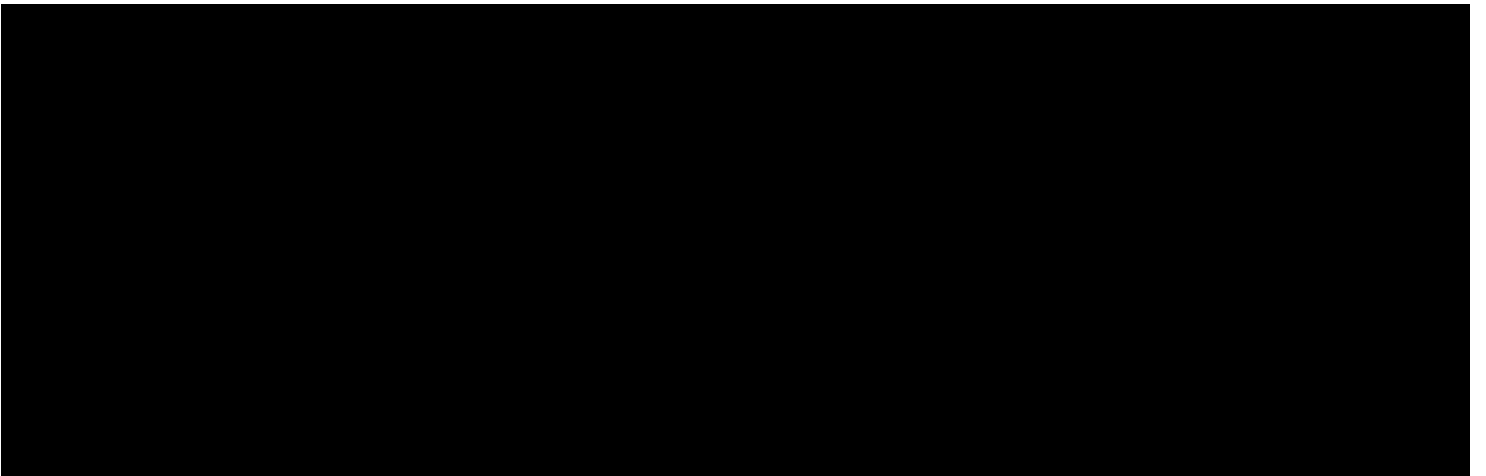




#3

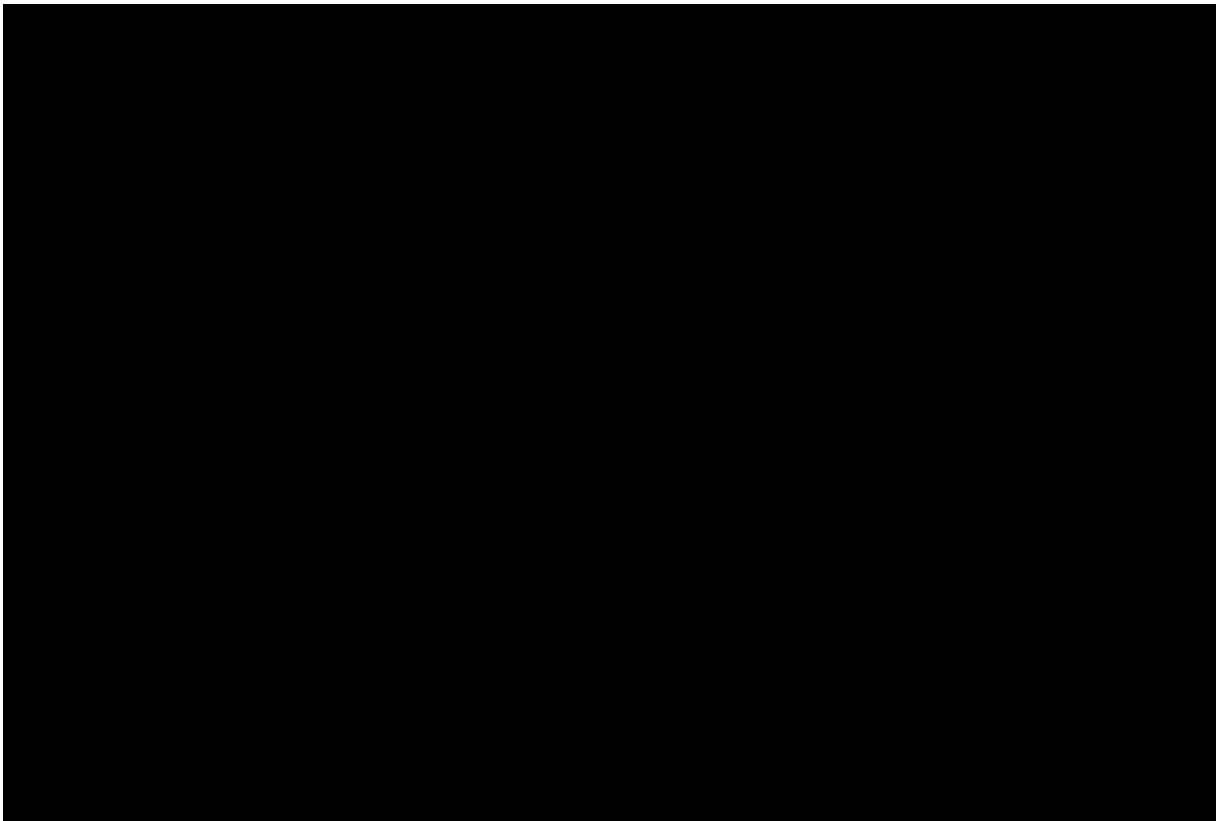


#4

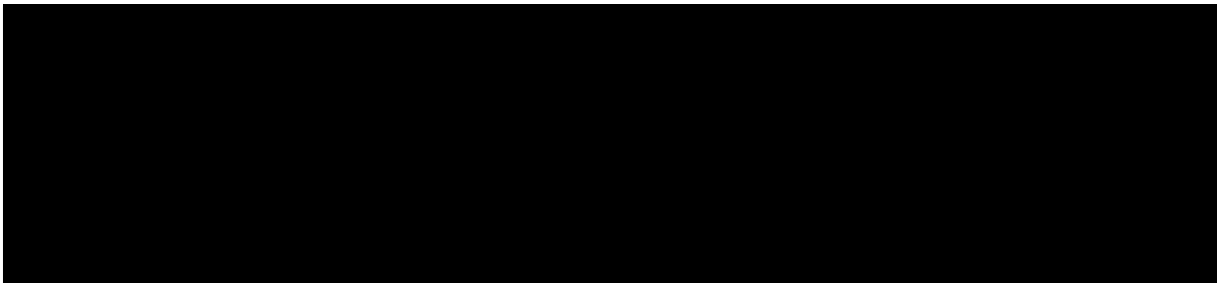





#5



Part C





**From:** Bahadori, Tina

**Sent:** Friday, December 29, 2017 5:39 PM

**To:** Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>

**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Re: Denka/Chloroprene Request for Correction - For Review

Thank you Bruce for this excellent feedback. You hit the nail on the head about some of the issues we were also debating. We will incorporate your feedback, but if needed may set up a call with you to strategize on language.

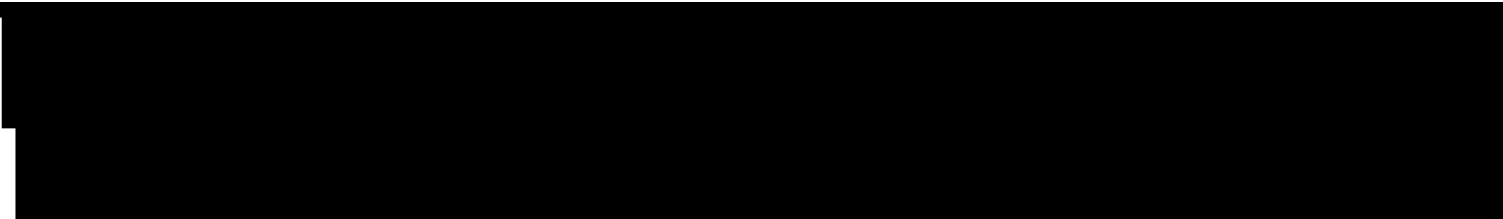
Have a very Happy New Year. See you on the other side.

Tina

On Dec 29, 2017, at 2:20 PM, Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)> wrote:

Tina et al.,

Hi. Nicely written responses. A few minor comments, one question:





Bruce D. Rodan

Associate Director for Science

U.S. EPA, Office of Research and Development

**From:** Bahadori, Tina

**Sent:** Thursday, December 21, 2017 11:04 AM

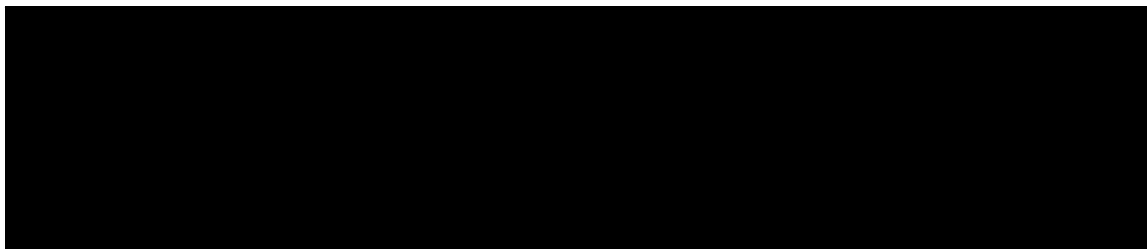
**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>

**Cc:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Denka/Chloroprene Request for Correction - For Review

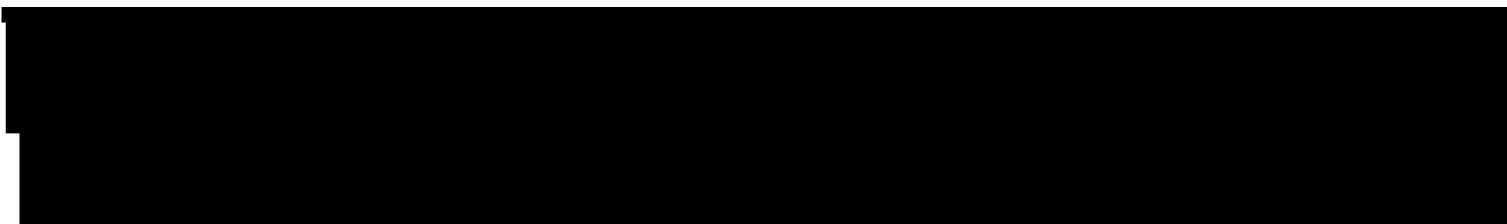
Hello Everyone,

My apologies for bombarding you with requests – unfortunately we have some hefty deadlines in January. Recall that an NCEA team led by John Vandenberg and Kris Thayer have been working on a Response to a Request for Correction by Denka Polymers about the IRIS Chloroprene Assessment. Attached for your review is the current draft of the response to Denka that has two parts:



**As you know OEI has the lead on Requests for Correction.** And as you see below, OEI is already sharing this document with OMB to get their input on this version of the documents that has had input from OAR, OGC, OEI, and of course across NCEA. The deadline for responding to Denka is late January – although again, OEI controls the timeline for the process.

I am available to answer any questions you may have. It would be great to have your input by January 8<sup>th</sup>.



Thank you,

Tina

202-564-7903

**From:** Vandenberg, John  
**Sent:** Thursday, December 21, 2017 10:29 AM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>  
**Subject:** Fwd: EPA response - RFC 17002 IRIS Chloroprene

Heads up! Kevin went ahead and sent to OMB.

Sent from my iPhone

Begin forwarded message:

**From:** "Kirby, Kevin" <[KIRBY.KEVIN@EPA.GOV](mailto:KIRBY.KEVIN@EPA.GOV)>  
**Date:** December 21, 2017 at 10:26:55 AM EST  
**To:** "James\_H\_Kim@OMB.gov" <[James\\_H\\_Kim@OMB.gov](mailto:James_H_Kim@OMB.gov)>  
**Cc:** "Vandenberg, John" <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>, "Holloman, Vincia" <[Holloman.Vincia@epa.gov](mailto:Holloman.Vincia@epa.gov)>  
**Subject:** EPA response - RFC 17002 IRIS Chloroprene

Hello Jim,

Attached is EPA's draft response to RFC #17002, dealing with the IRIS assessment of chloroprene. The information owners in ORD prepared this draft and it has been reviewed by EPA Quality Staff and our OGC.

Could you please provide us with any comments or suggestions you may have on this draft response.

Thanks,

Kevin

Kevin J. Kirby,

Enterprise Data Architect

Enterprise Quality Management Division

Office of Enterprise Information Programs

Office of Environmental Information

US Environmental Protection Agency

(202) 566-1656 desk

Exemption 6

**To:** Vandenberg, John[Vandenberg.John@epa.gov]; Bahadori, Tina[Bahadori.Tina@epa.gov]; Ross, Mary[Ross.Mary@epa.gov]; Jones, Samantha[Jones.Samantha@epa.gov]; Lavoie, Emma[Lavoie.Emma@epa.gov]  
**From:** Thayer, Kris  
**Sent:** Fri 1/19/2018 2:16:14 PM  
**Subject:** RE: from Jennifer

Bette says they can be done by noon today.

**From:** Vandenberg, John  
**Sent:** Friday, January 19, 2018 9:15 AM  
**To:** Thayer, Kris <thayer.kris@epa.gov>; Bahadori, Tina <Bahadori.Tina@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>  
**Subject:** RE: from Jennifer

I don't know how long it will take to do the alt-text on Attachment 2. If they can finish today, great! We don't want them to use overtime though, so some guidance to Mike/Bette would be useful if they run into hitches. I'd sure like to think as soon as JOZ signs the letter the whole thing can be mailed, posted to website (OEI wants to wait a few days as a courtesy to Denka, is my understanding), shared before the meeting with NAS... done (for now)!

**From:** Thayer, Kris  
**Sent:** Friday, January 19, 2018 9:09 AM  
**To:** Vandenberg, John <Vandenberg.John@epa.gov>; Bahadori, Tina <Bahadori.Tina@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>  
**Subject:** RE: from Jennifer

Yes, but if they can get it done ASAP (Bette says they can do it by noon), we want that correct? So that we are ready to run after any shutdown, correct?

I'm thinking it would be good to have the alt-text work on tables and figures....I assume changes from JOZ, Bruce, and Richard would be text and minor



**From:** Vandenberg, John  
**Sent:** Friday, January 19, 2018 9:04 AM  
**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>  
**Subject:** RE: from Jennifer

Fingers crossed. TSS is working on 508 compliance and it seems they'll have a few days to do so - Kris do you want to let Mike/Bette know?

Of course, everything is contingent on a budget deal!

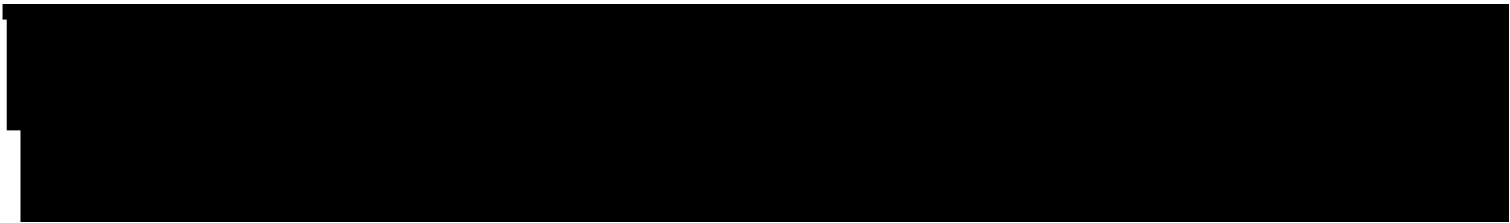
**From:** Bahadori, Tina  
**Sent:** Friday, January 19, 2018 8:59 AM  
**To:** Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>  
**Subject:** from Jennifer

And the insanity continues – but hopefully in the end, it will turn out to be benign.

**From:** Orme-Zavaleta, Jennifer  
**Sent:** Friday, January 19, 2018 8:09 AM  
**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>  
**Cc:** Robbins, Chris <Robbins.Chris@epa.gov>; Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>  
**Subject:** Re: Need some advice

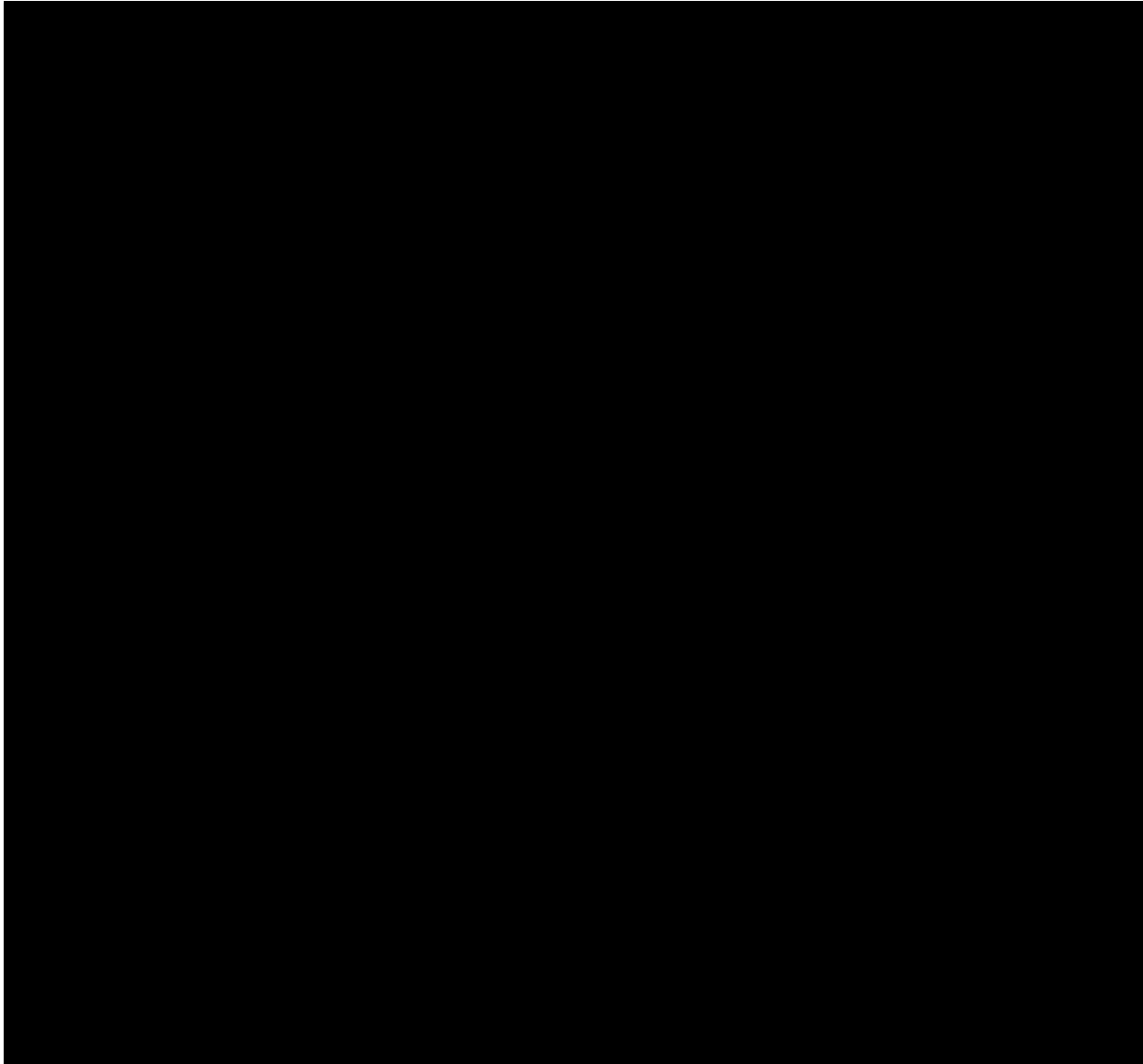
Tina, both Bruce and Richard are reviewing along with myself. If all are good with latest version, will be next week before this goes out

Would suggest you not write Richard separately on this. Work thru me.



Sent from my iPad

On Jan 18, 2018, at 6:34 PM, Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)> wrote:



Tina

**From:** Yamada, Richard (Yujiro)

**Sent:** Thursday, January 4, 2018 3:03 PM

**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>

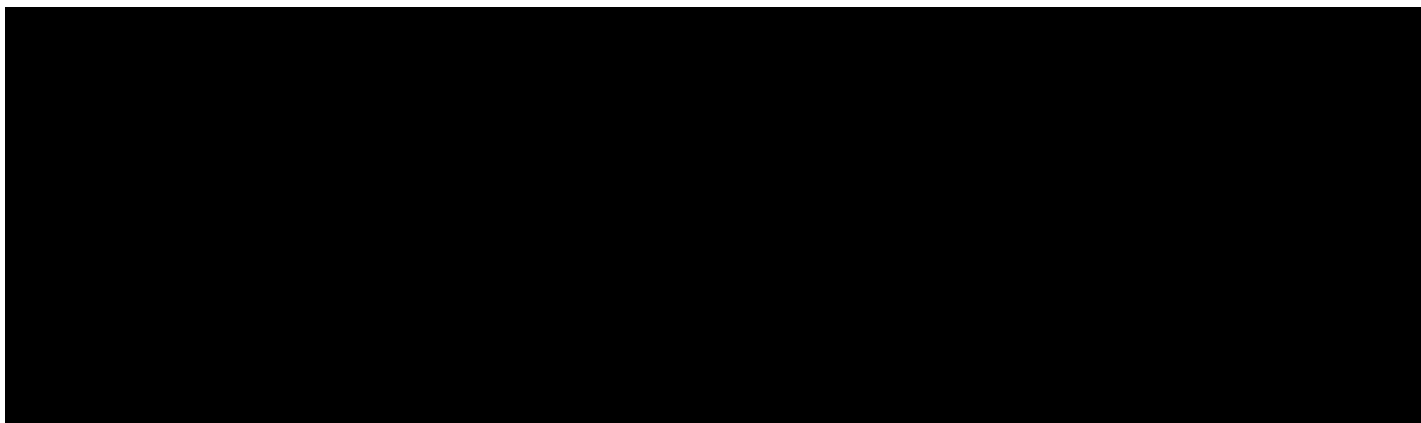
**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>  
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Everyone,

A few comments and edits to the report. Some of the questions below are for internal purposes but I would like to know the answers (I don't have the original DPC doc in front of me). I enjoyed reading the systematic review doc – happy new year everyone,

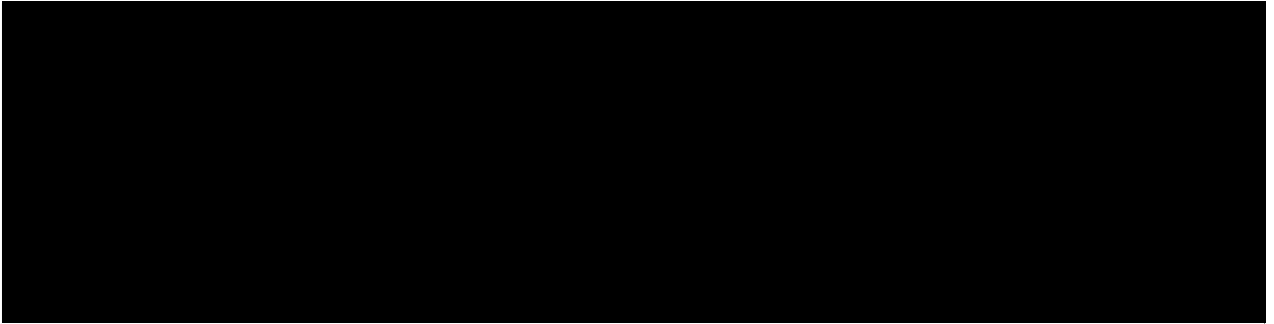
Richard

Section A

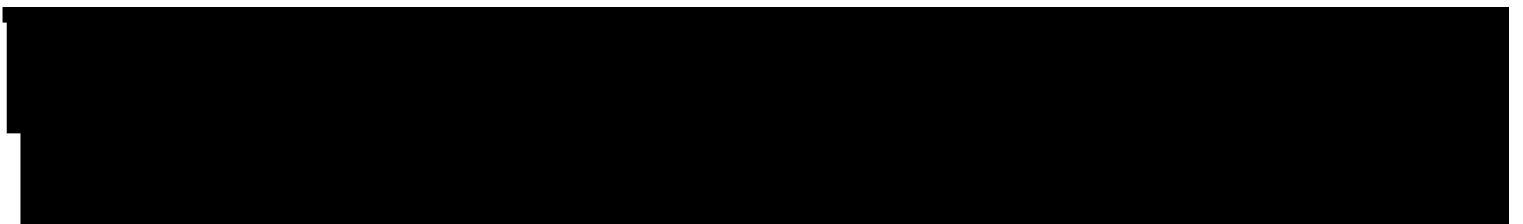
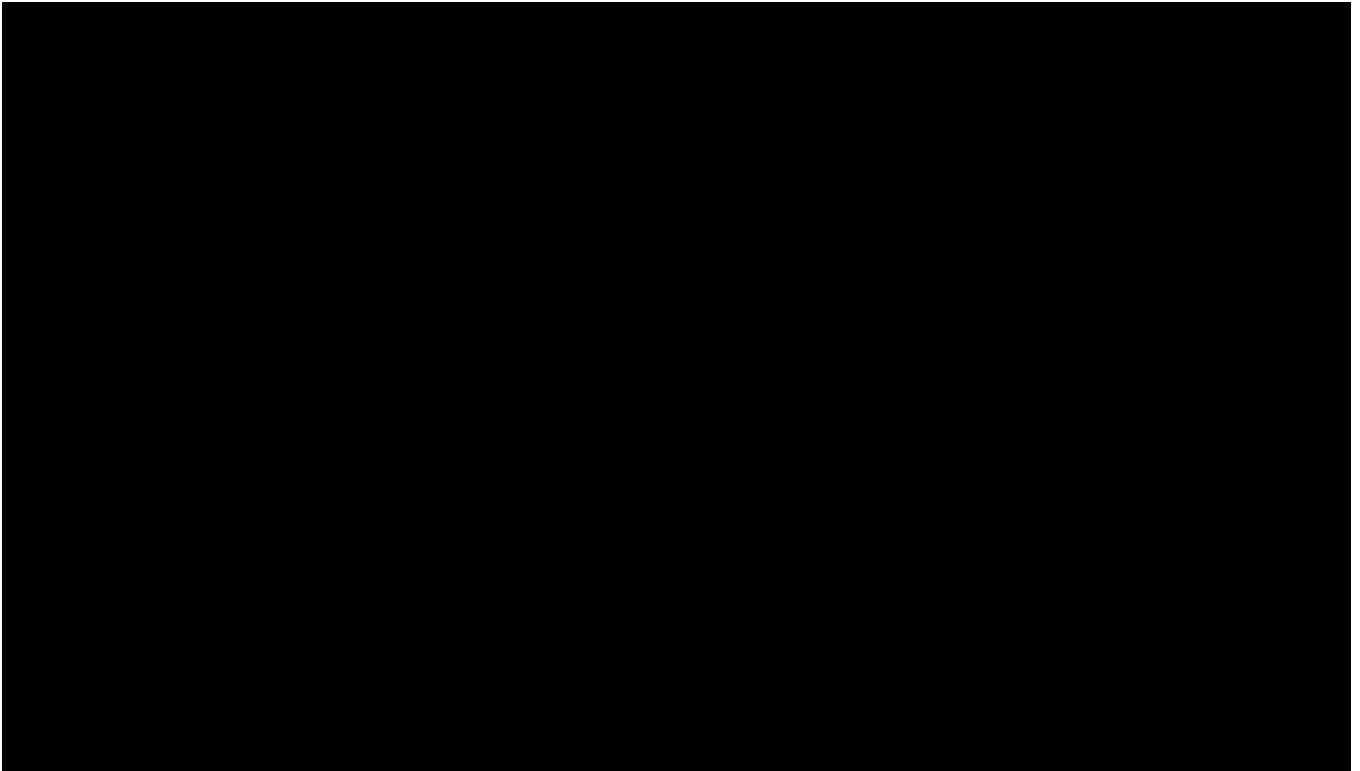
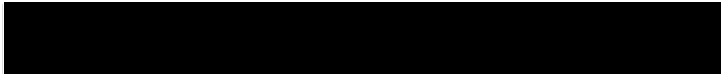


Section B

#1



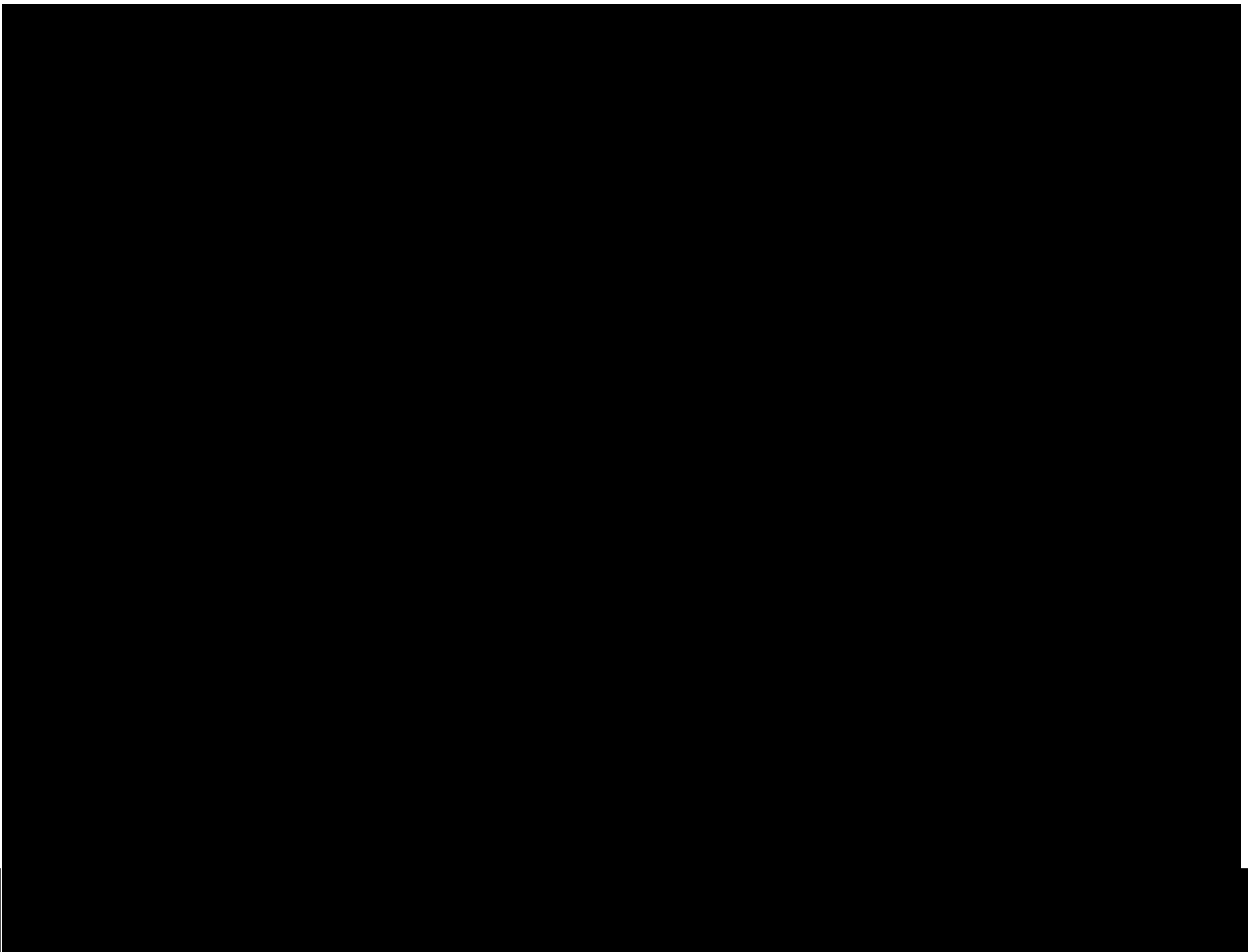
#2



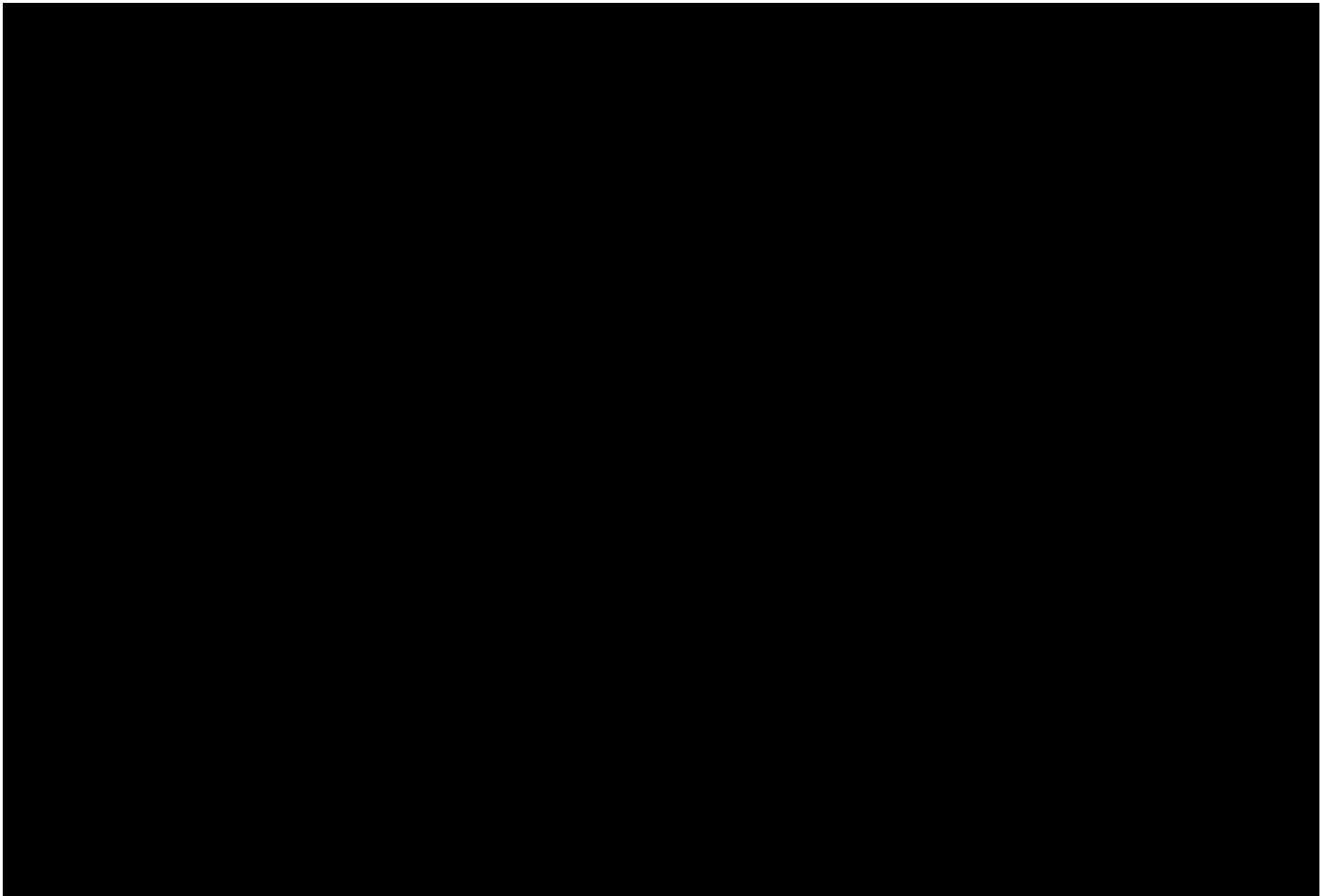
#3



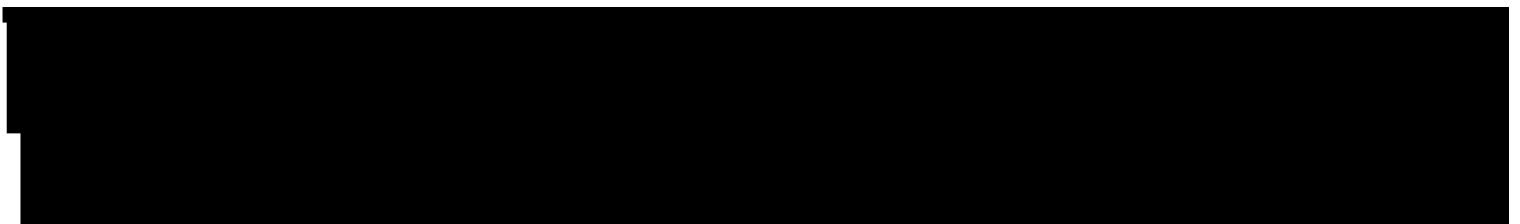
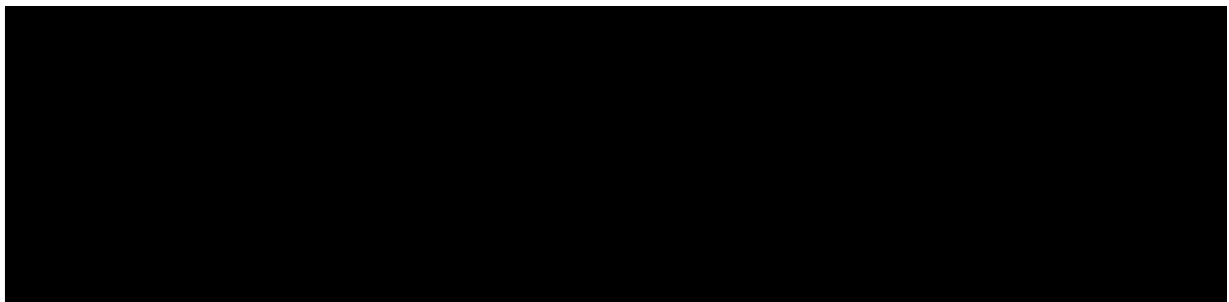
#4



#5



Part C



**From:** Bahadori, Tina

**Sent:** Friday, December 29, 2017 5:39 PM

**To:** Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>

**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Re: Denka/Chloroprene Request for Correction - For Review

Thank you Bruce for this excellent feedback. You hit the nail on the head about some of the issues we were also debating. We will incorporate your feedback, but if needed may set up a call with you to strategize on language.

Have a very Happy New Year. See you on the other side.

Tina

On Dec 29, 2017, at 2:20 PM, Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)> wrote:

Tina et al.,

Hi. Nicely written responses. A few minor comments, one question:

[REDACTED]



Bruce D. Rodan

Associate Director for Science

U.S. EPA, Office of Research and Development

**From:** Bahadori, Tina

**Sent:** Thursday, December 21, 2017 11:04 AM

**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>

**Cc:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris

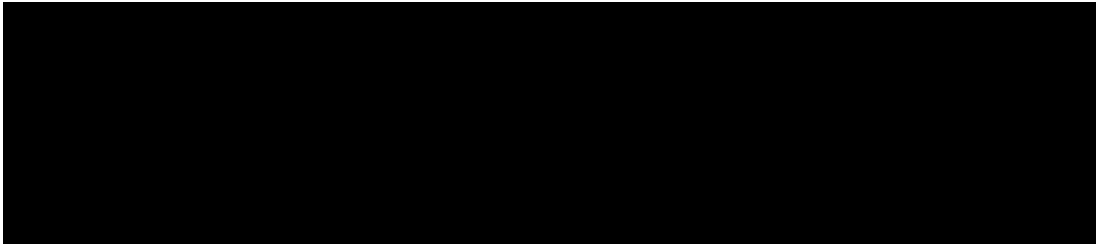


<[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Denka/Chloroprene Request for Correction - For Review

Hello Everyone,

My apologies for bombarding you with requests – unfortunately we have some hefty deadlines in January. Recall that an NCEA team led by John Vandenberg and Kris Thayer have been working on a Response to a Request for Correction by Denka Polymers about the IRIS Chloroprene Assessment. Attached for your review is the current draft of the response to Denka that has two parts:

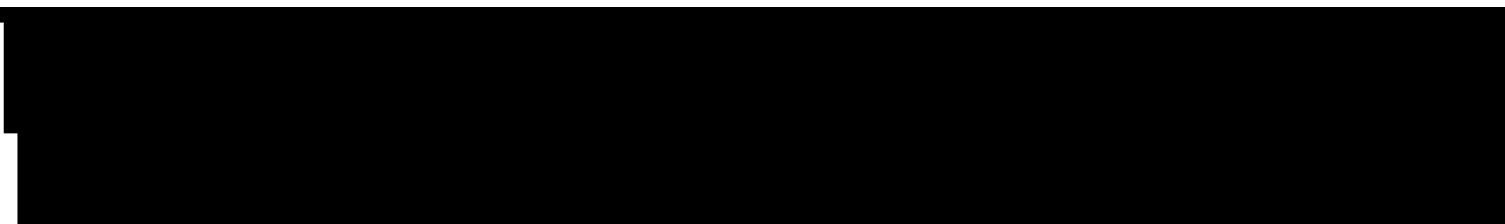


**As you know OEI has the lead on Requests for Correction.** And as you see below, OEI is already sharing this document with OMB to get their input on this version of the documents that has had input from OAR, OGC, OEI, and of course across NCEA. The deadline for responding to Denka is late January – although again, OEI controls the timeline for the process.

I am available to answer any questions you may have. It would be great to have your input by January 8<sup>th</sup>.

Thank you,

Tina



202-564-7903

**From:** Vandenberg, John  
**Sent:** Thursday, December 21, 2017 10:29 AM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>  
**Subject:** Fwd: EPA response - RFC 17002 IRIS Chloroprene

Heads up! Kevin went ahead and sent to OMB.

Sent from my iPhone

Begin forwarded message:

**From:** "Kirby, Kevin" <[KIRBY.KEVIN@EPA.GOV](mailto:KIRBY.KEVIN@EPA.GOV)>  
**Date:** December 21, 2017 at 10:26:55 AM EST  
**To:** "James H Kim@OMB.gov" <[James\\_H\\_Kim@OMB.gov](mailto:James_H_Kim@OMB.gov)>  
**Cc:** "Vandenberg, John" <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>, "Holloman, Vincia" <[Holloman.Vincia@epa.gov](mailto:Holloman.Vincia@epa.gov)>  
**Subject:** EPA response - RFC 17002 IRIS Chloroprene

Hello Jim,

Attached is EPA's draft response to RFC #17002, dealing with the IRIS assessment of chloroprene. The information owners in ORD prepared this draft and it has been reviewed by EPA Quality Staff and our OGC.

Could you please provide us with any comments or suggestions you may have on this draft response.

Thanks,

Kevin

Kevin J. Kirby,

Enterprise Data Architect

Enterprise Quality Management Division

Office of Enterprise Information Programs

Office of Environmental Information

US Environmental Protection Agency

(202) 566-1656 desk

Exemption 6

[REDACTED]

[REDACTED]

[REDACTED]

**To:** Vandenberg, John[Vandenberg.John@epa.gov]; Bahadori, Tina[Bahadori.Tina@epa.gov]; Ross, Mary[Ross.Mary@epa.gov]; Jones, Samantha[Jones.Samantha@epa.gov]; Lavoie, Emma[Lavoie.Emma@epa.gov]  
**From:** Thayer, Kris  
**Sent:** Fri 1/19/2018 2:08:42 PM  
**Subject:** RE: from Jennifer

Yes, but if they can get it done ASAP (Bette says they can do it by noon), we want that correct? So that we are ready to run after any shutdown, correct?

I'm thinking it would be good to have the alt-text work on tables and figures....I assume changes from JOZ, Bruce, and Richard would be text and minor

**From:** Vandenberg, John  
**Sent:** Friday, January 19, 2018 9:04 AM  
**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>  
**Subject:** RE: from Jennifer

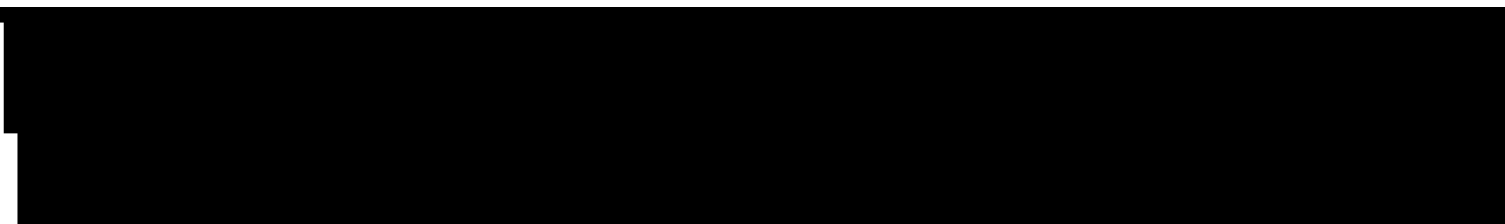
Fingers crossed. TSS is working on 508 compliance and it seems they'll have a few days to do so - Kris do you want to let Mike/Bette know?

Of course, everything is contingent on a budget deal!

■

**From:** Bahadori, Tina  
**Sent:** Friday, January 19, 2018 8:59 AM  
**To:** Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>  
**Subject:** from Jennifer

And the insanity continues – but hopefully in the end, it will turn out to be benign.



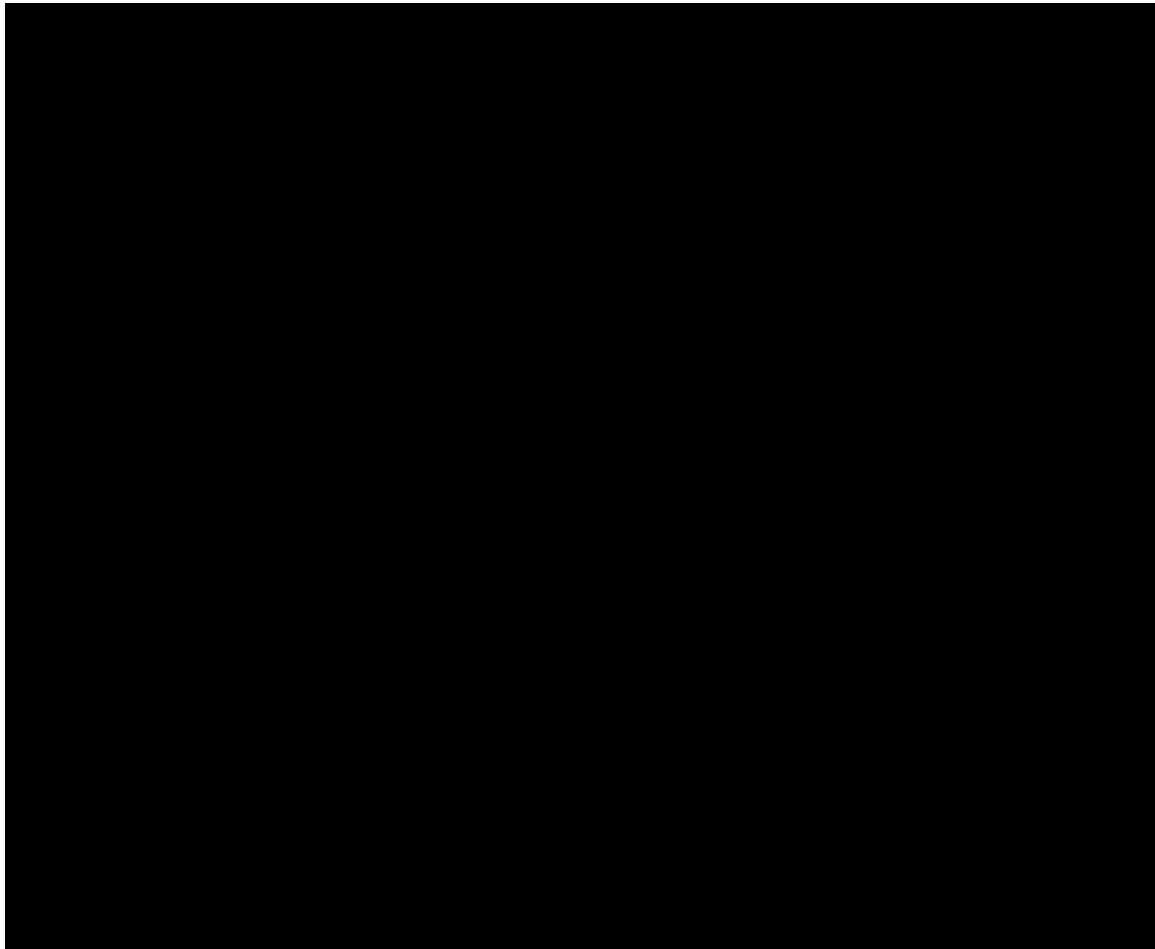
**From:** Orme-Zavaleta, Jennifer  
**Sent:** Friday, January 19, 2018 8:09 AM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>  
**Cc:** Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>  
**Subject:** Re: Need some advice

Tina, both Bruce and Richard are reviewing along with myself. If all are good with latest version, will be next week before this goes out

Would suggest you not write Richard separately on this. Work thru me.

Sent from my iPad

On Jan 18, 2018, at 6:34 PM, Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)> wrote:





Tina

**From:** Yamada, Richard (Yujiro)

**Sent:** Thursday, January 4, 2018 3:03 PM

**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>; Rodan, Bruce <rodan.bruce@epa.gov>

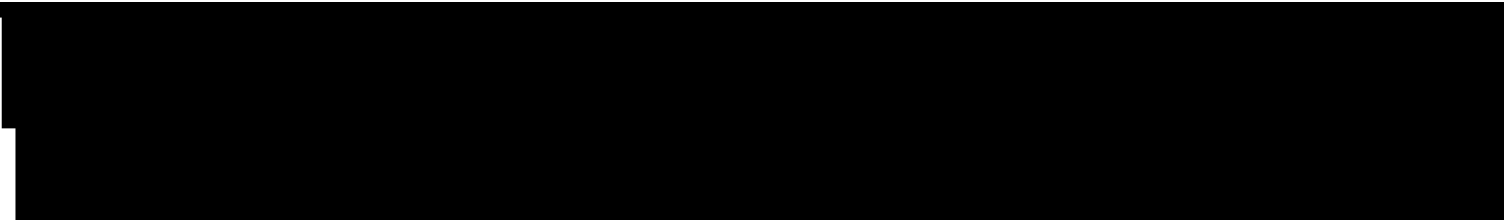
**Cc:** Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Robbins, Chris <Robbins.Chris@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>; Christian, Megan <Christian.Megan@epa.gov>; Fleming, Megan <Fleming.Megan@epa.gov>; Kuhn, Kevin <Kuhn.Kevin@epa.gov>; Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>; Perry, Dale <Perry.Dale@epa.gov>

**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Everyone,

A few comments and edits to the report. Some of the questions below are for internal purposes but I would like to know the answers (I don't have the original DPC doc in front of me). I enjoyed reading the systematic review doc – happy new year everyone,

Richard



Section A

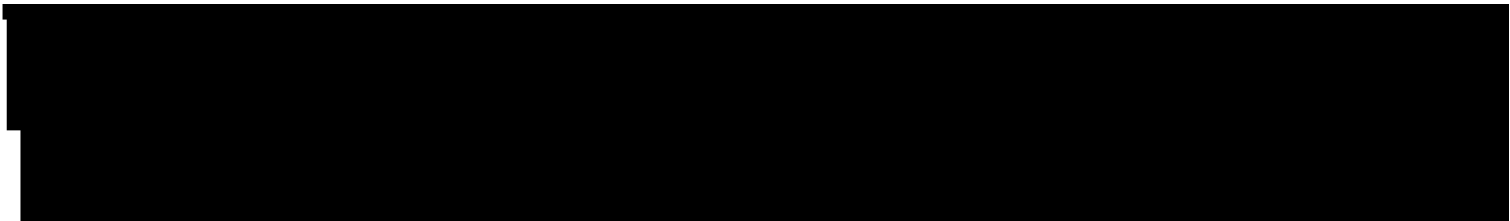
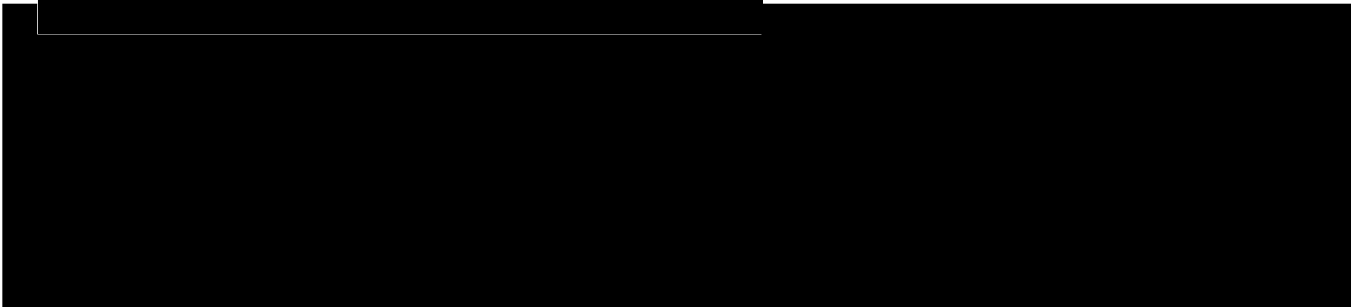


Section B

#1

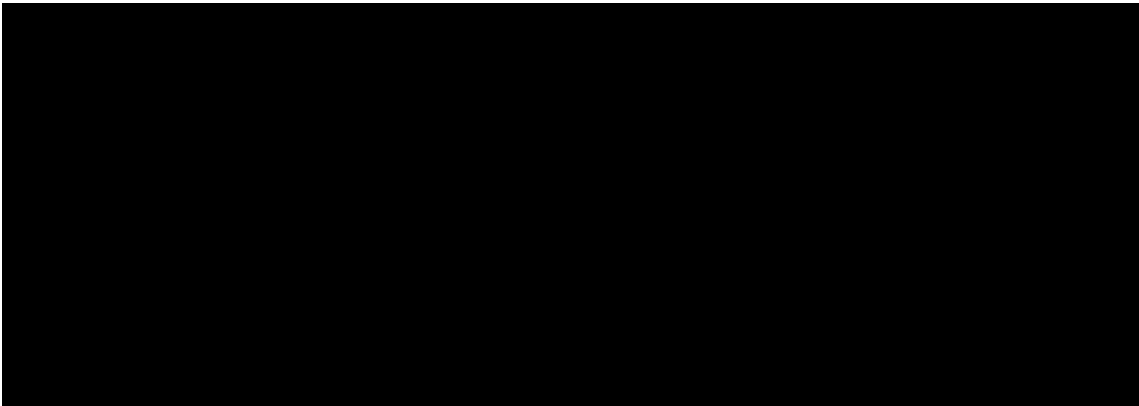


#2

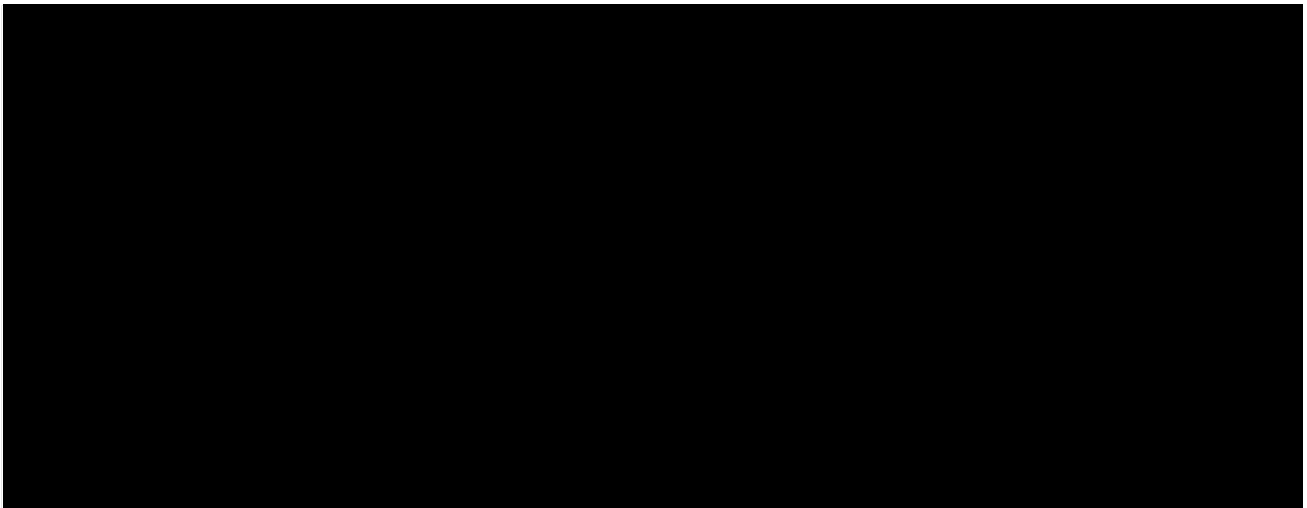




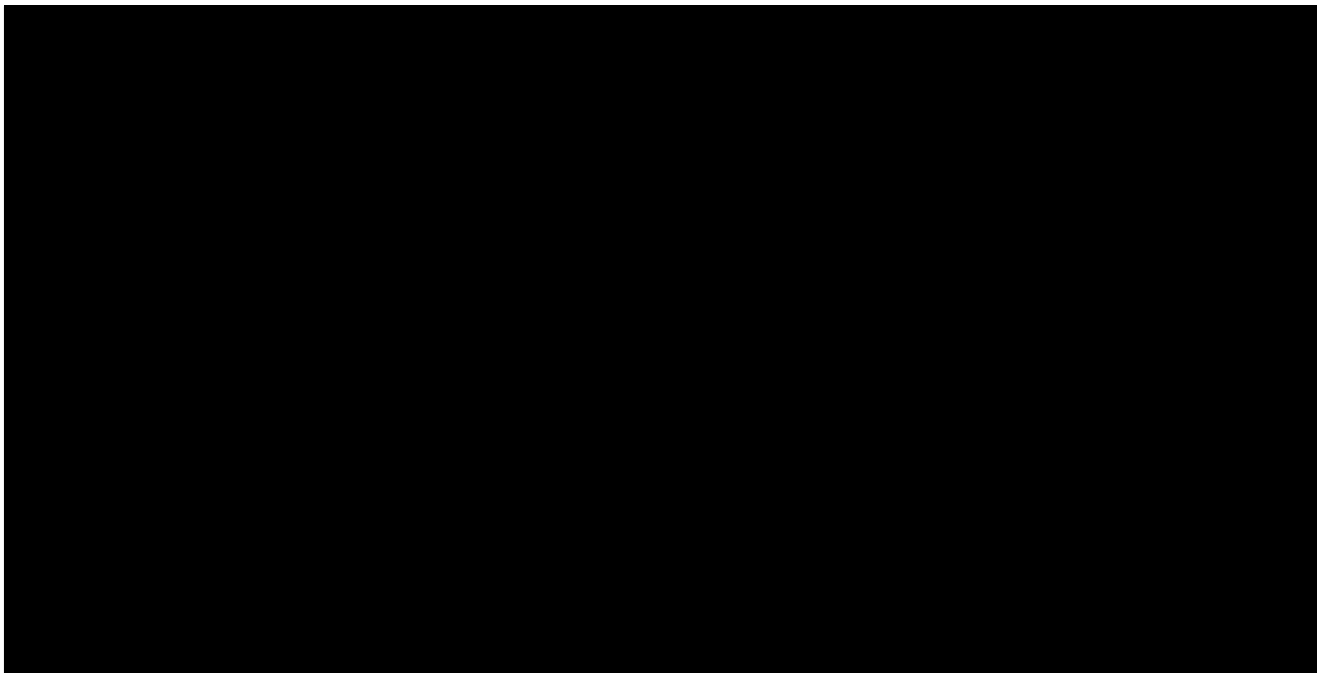
#3



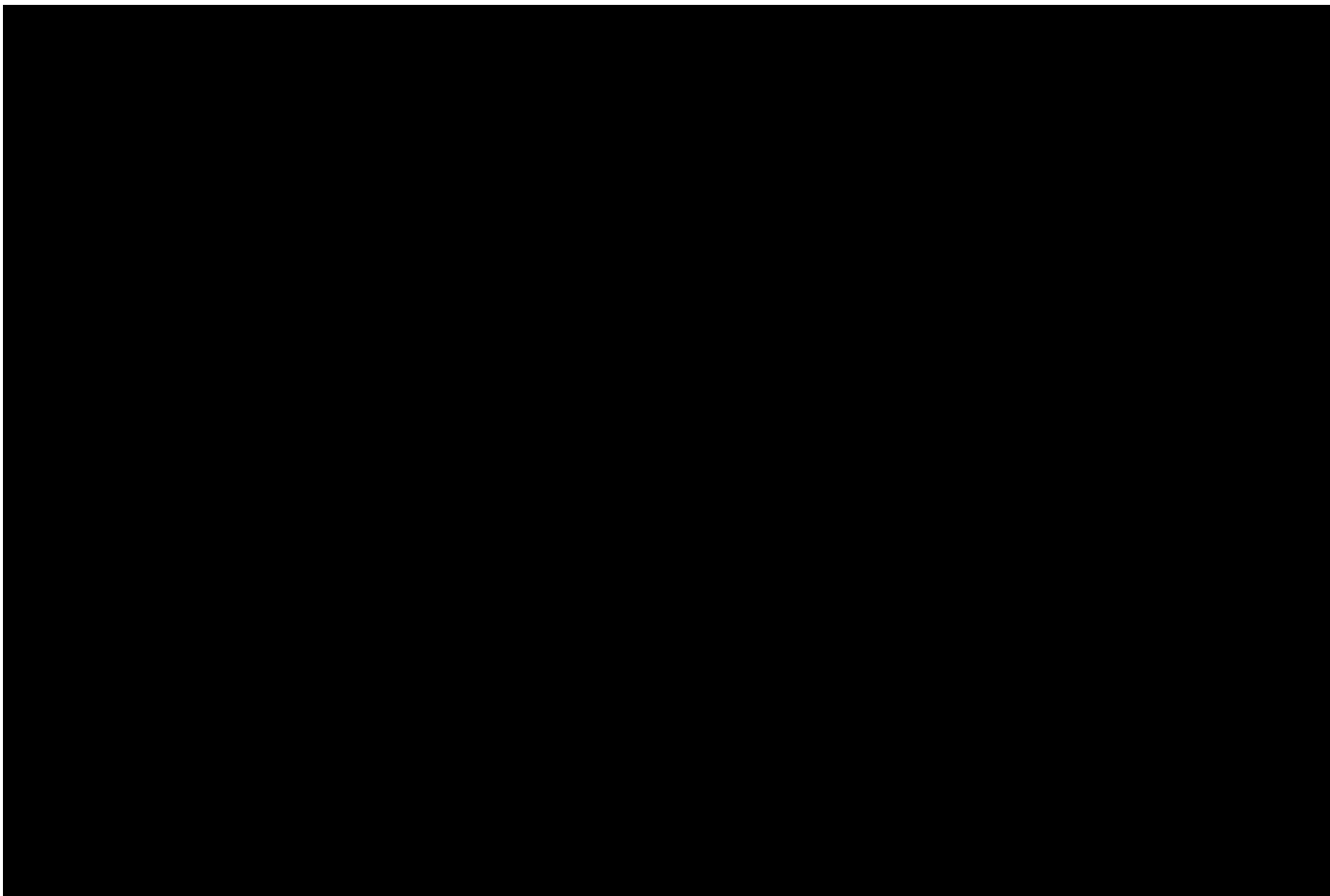
#4



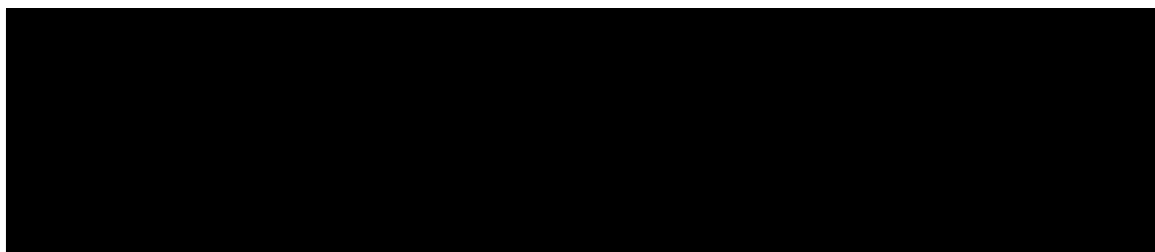




#5



Part C



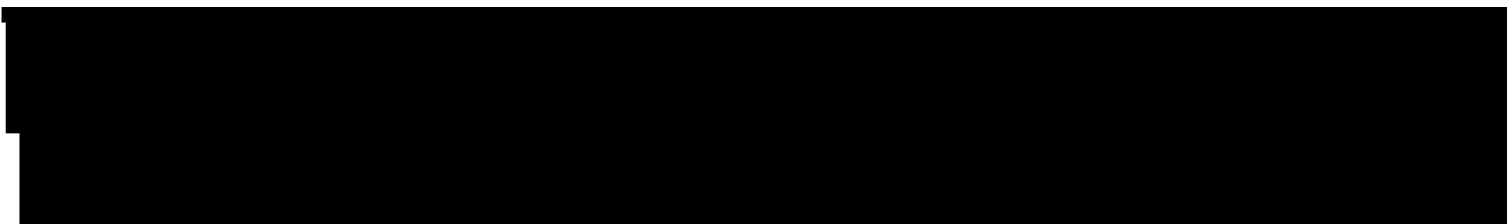
**From:** Bahadori, Tina  
**Sent:** Friday, December 29, 2017 5:39 PM  
**To:** Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>  
**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>  
**Subject:** Re: Denka/Chloroprene Request for Correction - For Review

Thank you Bruce for this excellent feedback. You hit the nail on the head about some of the issues we were also debating. We will incorporate your feedback, but if needed may set up a call with you to strategize on language.

Have a very Happy New Year. See you on the other side.

Tina

On Dec 29, 2017, at 2:20 PM, Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)> wrote:



Tina et al.,

Hi. Nicely written responses. A few minor comments, one question:

[REDACTED]

[REDACTED]

[REDACTED]

Bruce D. Rodan

Associate Director for Science

U.S. EPA, Office of Research and Development

**From:** Bahadori, Tina

**Sent:** Thursday, December 21, 2017 11:04 AM

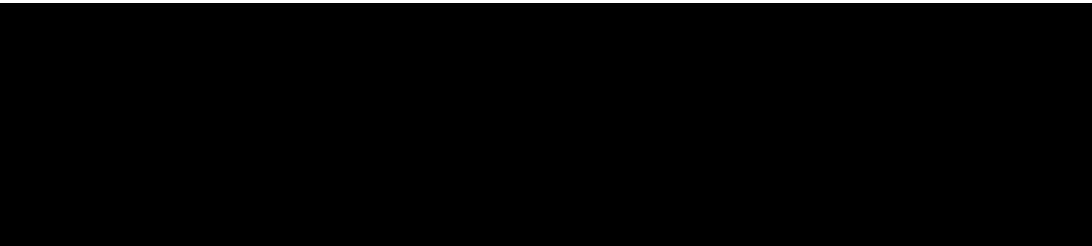
**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>

**Cc:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Denka/Chloroprene Request for Correction - For Review

Hello Everyone,

My apologies for bombarding you with requests – unfortunately we have some hefty deadlines in January. Recall that an NCEA team led by John Vandenberg and Kris Thayer have been working on a Response to a Request for Correction by Denka Polymers about the IRIS Chloroprene Assessment. Attached for your review is the current draft of the response to Denka that has two parts:



**As you know OEI has the lead on Requests for Correction.** And as you see below, OEI is already sharing this document with OMB to get their input on this version of the documents that has had input from OAR, OGC, OEI, and of course across NCEA.

The deadline for responding to Denka is late January – although again, OEI controls the timeline for the process.

I am available to answer any questions you may have. It would be great to have your input by January 8<sup>th</sup>.

Thank you,

Tina

202-564-7903

**From:** Vandenberg, John  
**Sent:** Thursday, December 21, 2017 10:29 AM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>  
**Subject:** Fwd: EPA response - RFC 17002 IRIS Chloroprene

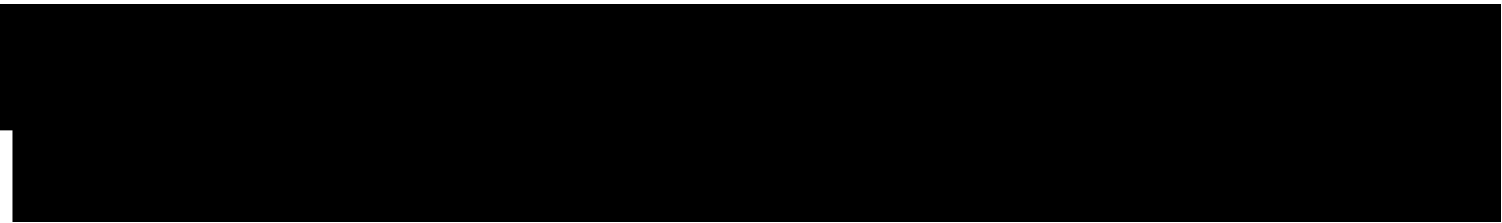
Heads up! Kevin went ahead and sent to OMB.

Sent from my iPhone

Begin forwarded message:

**From:** "Kirby, Kevin" <[KIRBY.KEVIN@EPA.GOV](mailto:KIRBY.KEVIN@EPA.GOV)>  
**Date:** December 21, 2017 at 10:26:55 AM EST  
**To:** "James\_H\_Kim@OMB.gov" <[James\\_H\\_Kim@OMB.gov](mailto:James_H_Kim@OMB.gov)>  
**Cc:** "Vandenberg, John" <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>, "Holloman, Vincia" <[Holloman.Vincia@epa.gov](mailto:Holloman.Vincia@epa.gov)>  
**Subject:** EPA response - RFC 17002 IRIS Chloroprene

Hello Jim,



Attached is EPA's draft response to RFC #17002, dealing with the IRIS assessment of chloroprene. The information owners in ORD prepared this draft and it has been reviewed by EPA Quality Staff and our OGC.

Could you please provide us with any comments or suggestions you may have on this draft response.

Thanks,

Kevin

Kevin J. Kirby,

Enterprise Data Architect

Enterprise Quality Management Division

Office of Enterprise Information Programs

Office of Environmental Information

US Environmental Protection Agency

(202) 566-1656 desk

Exemption 6

**To:** Ross, Mary[Ross.Mary@epa.gov]; Jones, Samantha[Jones.Samantha@epa.gov]; Lavoie, Emma[Lavoie.Emma@epa.gov]; Vandenberg, John[Vandenberg.John@epa.gov]; Thayer, Kris[thayer.kris@epa.gov]  
**From:** Bahadori, Tina  
**Sent:** Fri 1/19/2018 1:58:53 PM  
**Subject:** from Jennifer

And the insanity continues – but hopefully in the end, it will turn out to be benign.

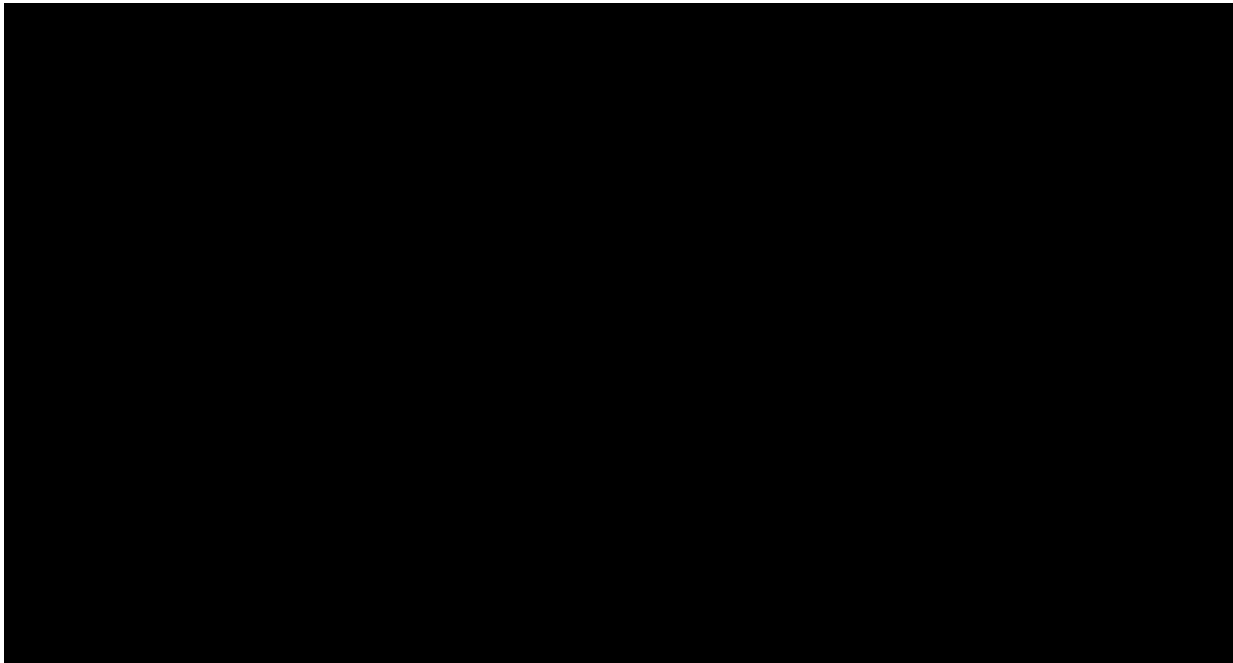
**From:** Orme-Zavaleta, Jennifer  
**Sent:** Friday, January 19, 2018 8:09 AM  
**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>  
**Cc:** Robbins, Chris <Robbins.Chris@epa.gov>; Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>  
**Subject:** Re: Need some advice

Tina, both Bruce and Richard are reviewing along with myself. If all are good with latest version, will be next week before this goes out

Would suggest you not write Richard separately on this. Work thru me.

Sent from my iPad

On Jan 18, 2018, at 6:34 PM, Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)> wrote:





Tina

**From:** Yamada, Richard (Yujiro)

**Sent:** Thursday, January 4, 2018 3:03 PM

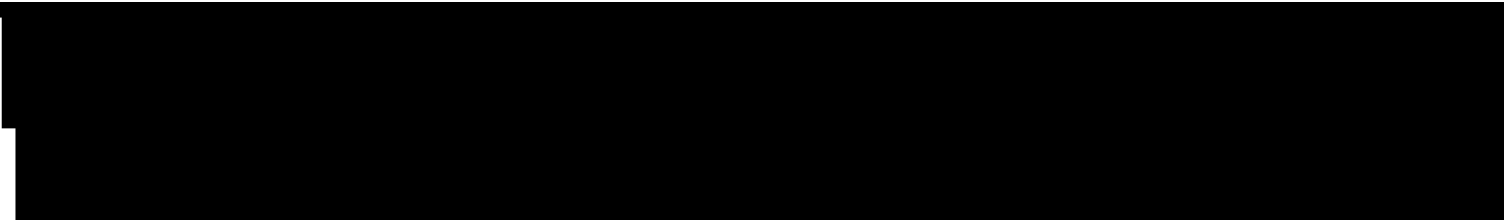
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>

**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Everyone,

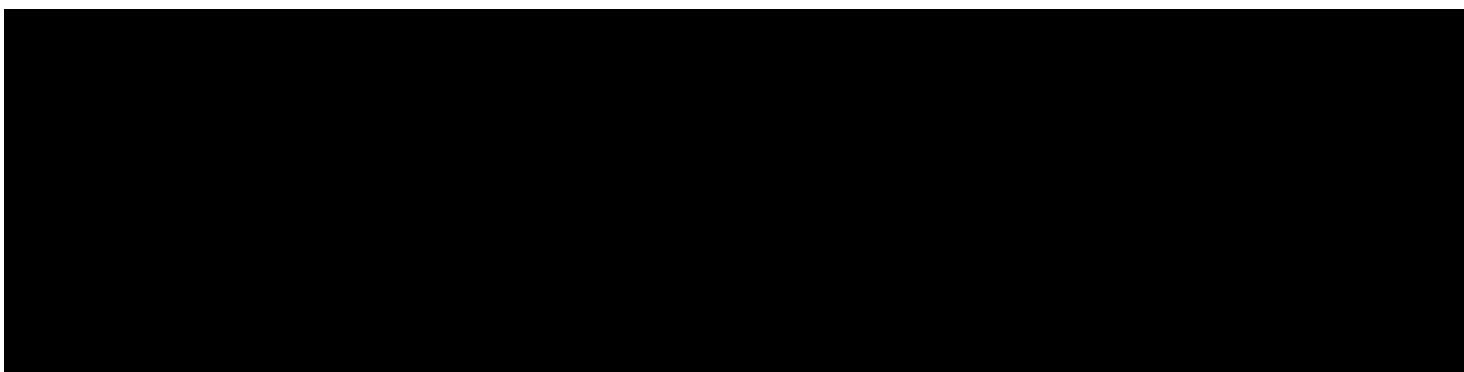
A few comments and edits to the report. Some of the questions below are for internal purposes but I would like to know the answers (I don't have the original DPC doc in front of me). I enjoyed reading the systematic review doc – happy new year everyone,





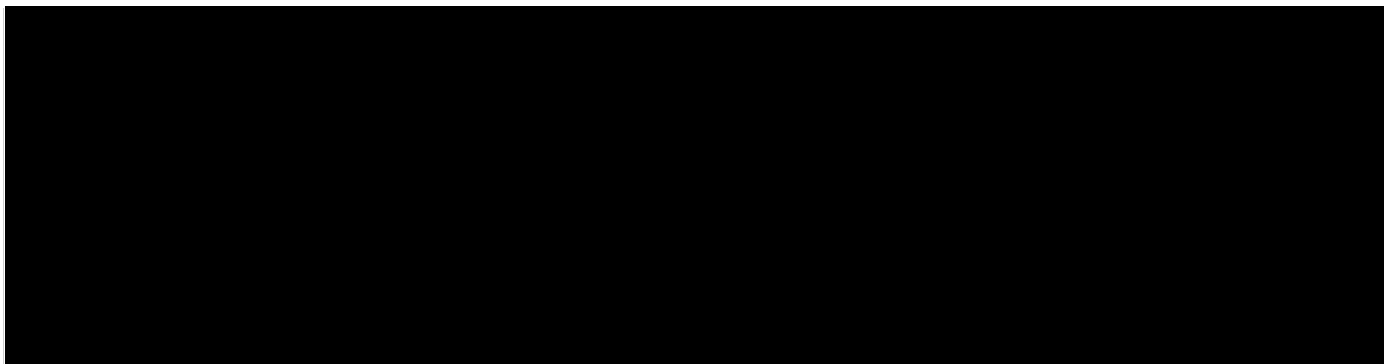
Richard

Section A

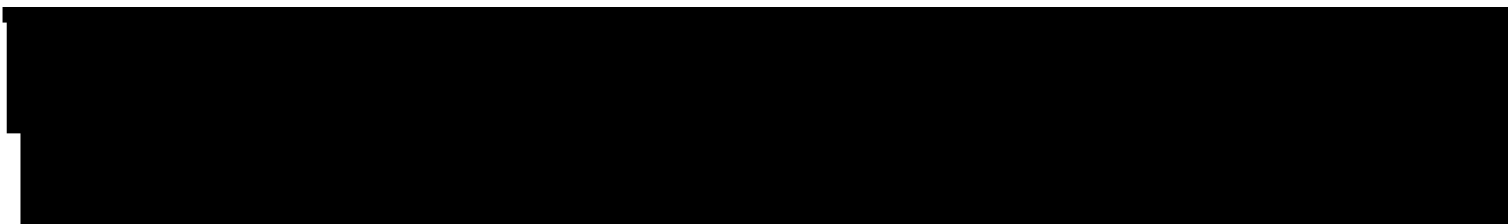


Section B

#1



#2



[REDACTED]

[REDACTED]

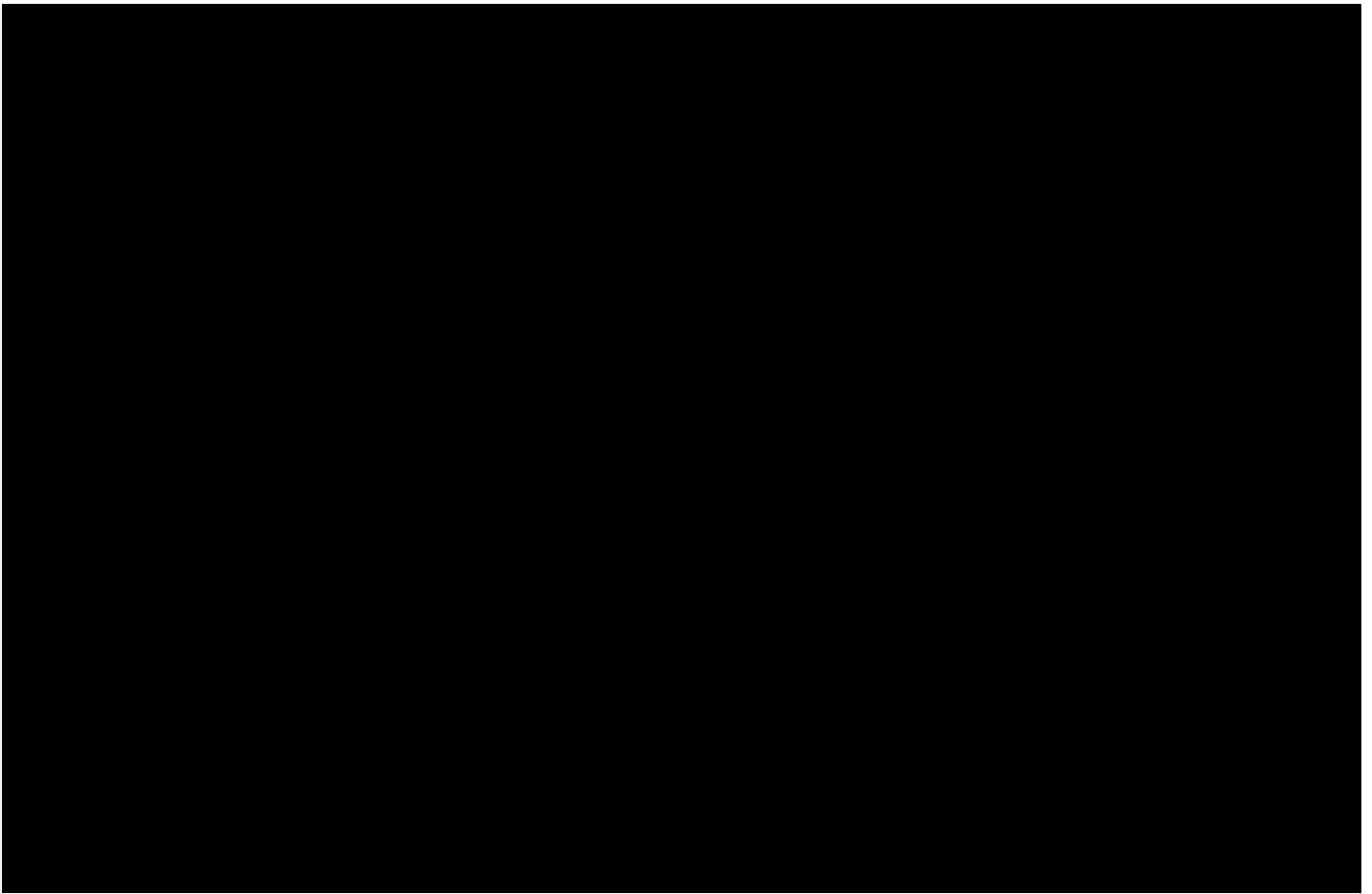
[REDACTED]

#3

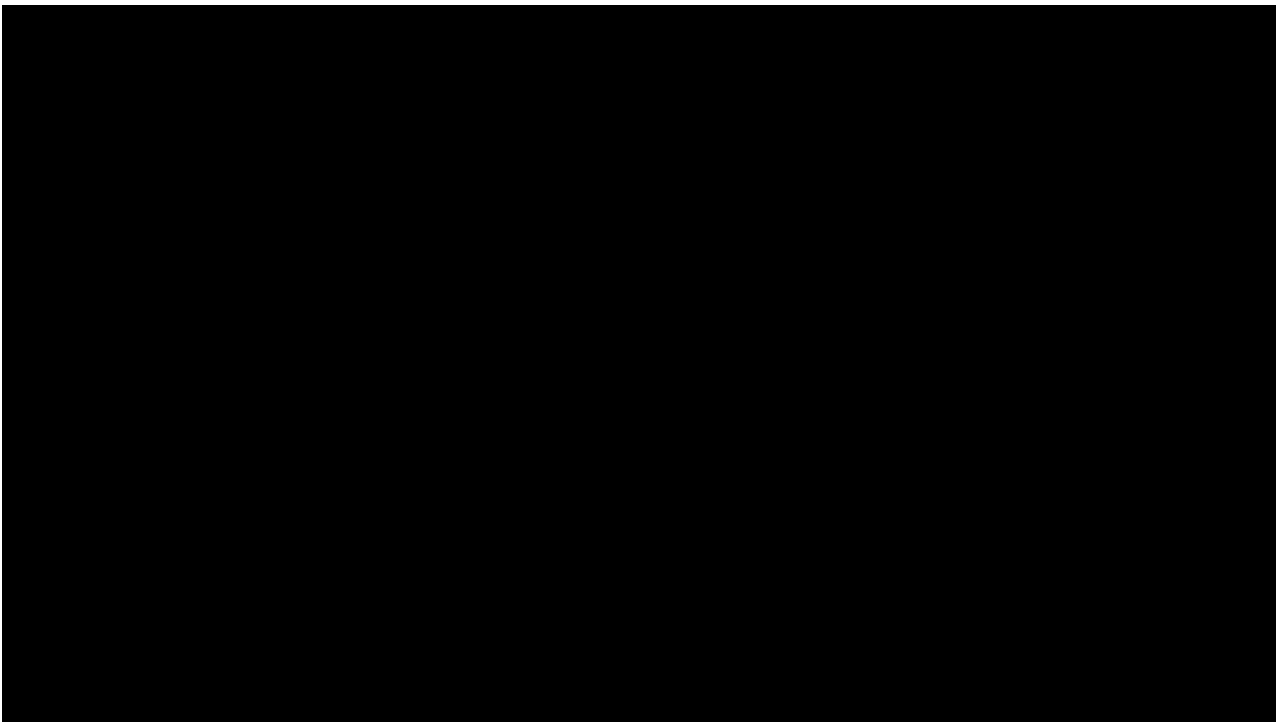
[REDACTED]

#4

[REDACTED]



#5





Part C



**From:** Bahadori, Tina  
**Sent:** Friday, December 29, 2017 5:39 PM  
**To:** Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>  
**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>  
**Subject:** Re: Denka/Chloroprene Request for Correction - For Review

Thank you Bruce for this excellent feedback. You hit the nail on the head about some of the issues we were also debating. We will incorporate your feedback, but if needed may set up a call with you to strategize on language.

Have a very Happy New Year. See you on the other side.

Tina

On Dec 29, 2017, at 2:20 PM, Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)> wrote:

Tina et al.,

Hi. Nicely written responses. A few minor comments, one question:

[REDACTED]

[REDACTED]

[REDACTED]



Bruce D. Rodan

Associate Director for Science

U.S. EPA, Office of Research and Development

**From:** Bahadori, Tina

**Sent:** Thursday, December 21, 2017 11:04 AM

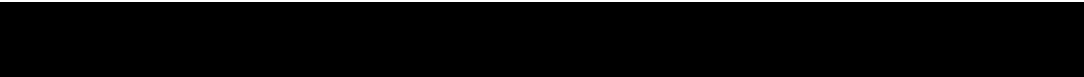
**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>

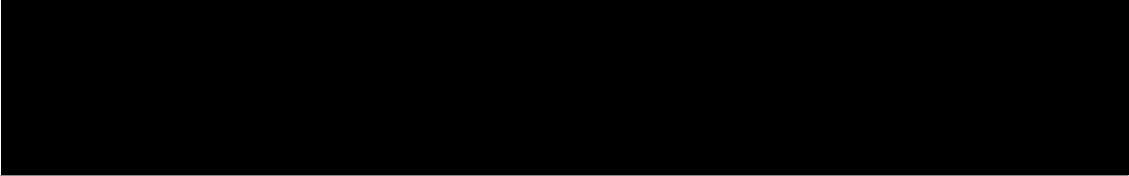
**Cc:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Denka/Chloroprene Request for Correction - For Review

Hello Everyone,

My apologies for bombarding you with requests – unfortunately we have some hefty deadlines in January. Recall that an NCEA team led by John Vandenberg and Kris Thayer have been working on a Response to a Request for Correction by Denka Polymers about the IRIS Chloroprene Assessment. Attached for your review is the current draft of the response to Denka that has two parts:





**As you know OEI has the lead on Requests for Correction.** And as you see below, OEI is already sharing this document with OMB to get their input on this version of the documents that has had input from OAR, OGC, OEI, and of course across NCEA. The deadline for responding to Denka is late January – although again, OEI controls the timeline for the process.

I am available to answer any questions you may have. It would be great to have your input by January 8<sup>th</sup>.

Thank you,

Tina

202-564-7903

**From:** Vandenberg, John

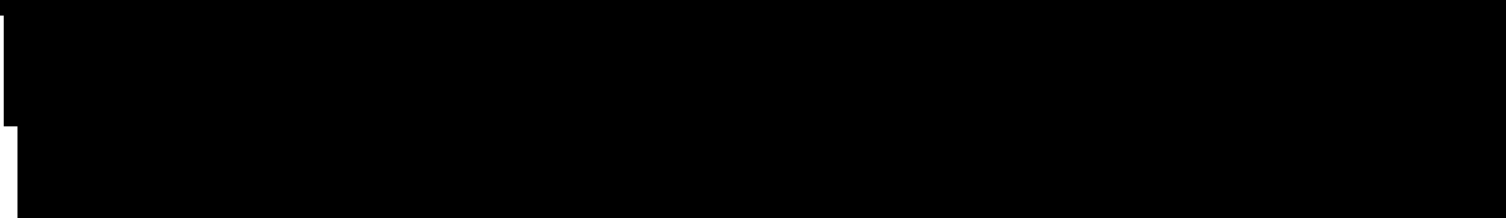
**Sent:** Thursday, December 21, 2017 10:29 AM

**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>

**Subject:** Fwd: EPA response - RFC 17002 IRIS Chloroprene

Heads up! Kevin went ahead and sent to OMB.

Sent from my iPhone



Begin forwarded message:

**From:** "Kirby, Kevin" <[KIRBY.KEVIN@EPA.GOV](mailto:KIRBY.KEVIN@EPA.GOV)>  
**Date:** December 21, 2017 at 10:26:55 AM EST  
**To:** "James H Kim@OMB.gov" <[James\\_H\\_Kim@OMB.gov](mailto:James_H_Kim@OMB.gov)>  
**Cc:** "Vandenberg, John" <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>, "Holloman, Vincia" <[Holloman.Vincia@epa.gov](mailto:Holloman.Vincia@epa.gov)>  
**Subject:** EPA response - RFC 17002 IRIS Chloroprene

Hello Jim,

Attached is EPA's draft response to RFC #17002, dealing with the IRIS assessment of chloroprene. The information owners in ORD prepared this draft and it has been reviewed by EPA Quality Staff and our OGC.

Could you please provide us with any comments or suggestions you may have on this draft response.

Thanks,

Kevin

Kevin J. Kirby,

Enterprise Data Architect

Enterprise Quality Management Division

Office of Enterprise Information Programs

Office of Environmental Information

US Environmental Protection Agency

(202) 566-1656 desk

Exemption 6



**To:** Vandenberg, John[Vandenberg.John@epa.gov]  
**From:** US EPA Domino Webhosting Authority  
**Sent:** Tue 12/5/2017 6:20:53 AM  
**Subject:** Enclosed is your saved form.  
[EPA-100-17333150043-AJ.pdf](#)

Enclosed is your saved form.

*(See attached file: EPA-100-17333150043-AJ.pdf)*

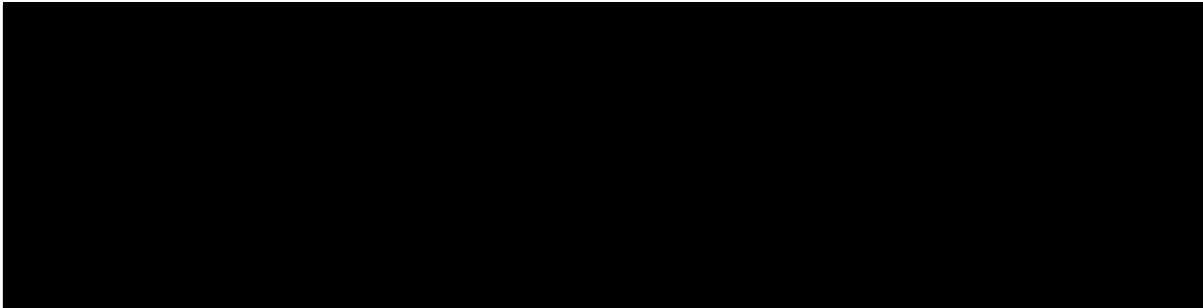
[REDACTED]

[REDACTED]

[REDACTED]

**To:** Bahadori, Tina[Bahadori.Tina@epa.gov]  
**Cc:** Thayer, Kris[thayer.kris@epa.gov]  
**From:** Vandenberg, John  
**Sent:** Thur 1/4/2018 8:20:03 PM  
**Subject:** FW: Denka/Chloroprene Request for Correction - For Review

Hi Tina,



John

**From:** Yamada, Richard (Yujiro)  
**Sent:** Thursday, January 04, 2018 3:03 PM  
**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>; Rodan, Bruce <rodan.bruce@epa.gov>  
**Cc:** Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Robbins, Chris <Robbins.Chris@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>; Christian, Megan <Christian.Megan@epa.gov>; Fleming, Megan <Fleming.Megan@epa.gov>; Kuhn, Kevin <Kuhn.Kevin@epa.gov>; Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>; Perry, Dale <Perry.Dale@epa.gov>  
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Everyone,

A few comments and edits to the report. Some of the questions below are for internal purposes but I would like to know the answers (I don't have the original DPC doc in front of me). I enjoyed reading the systematic review doc – happy new year everyone,

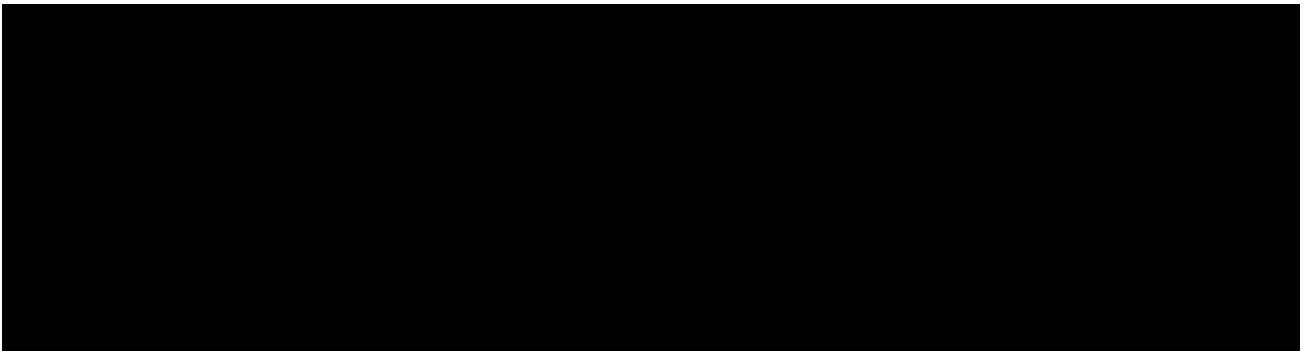
Richard

Section A

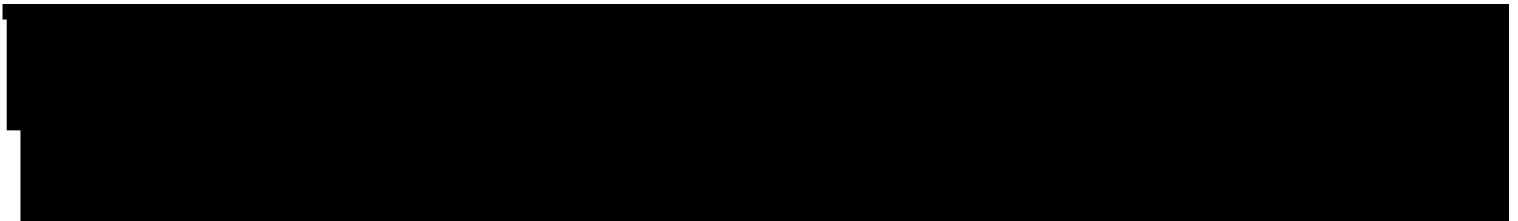


Section B

#1



#2



[REDACTED]

[REDACTED]

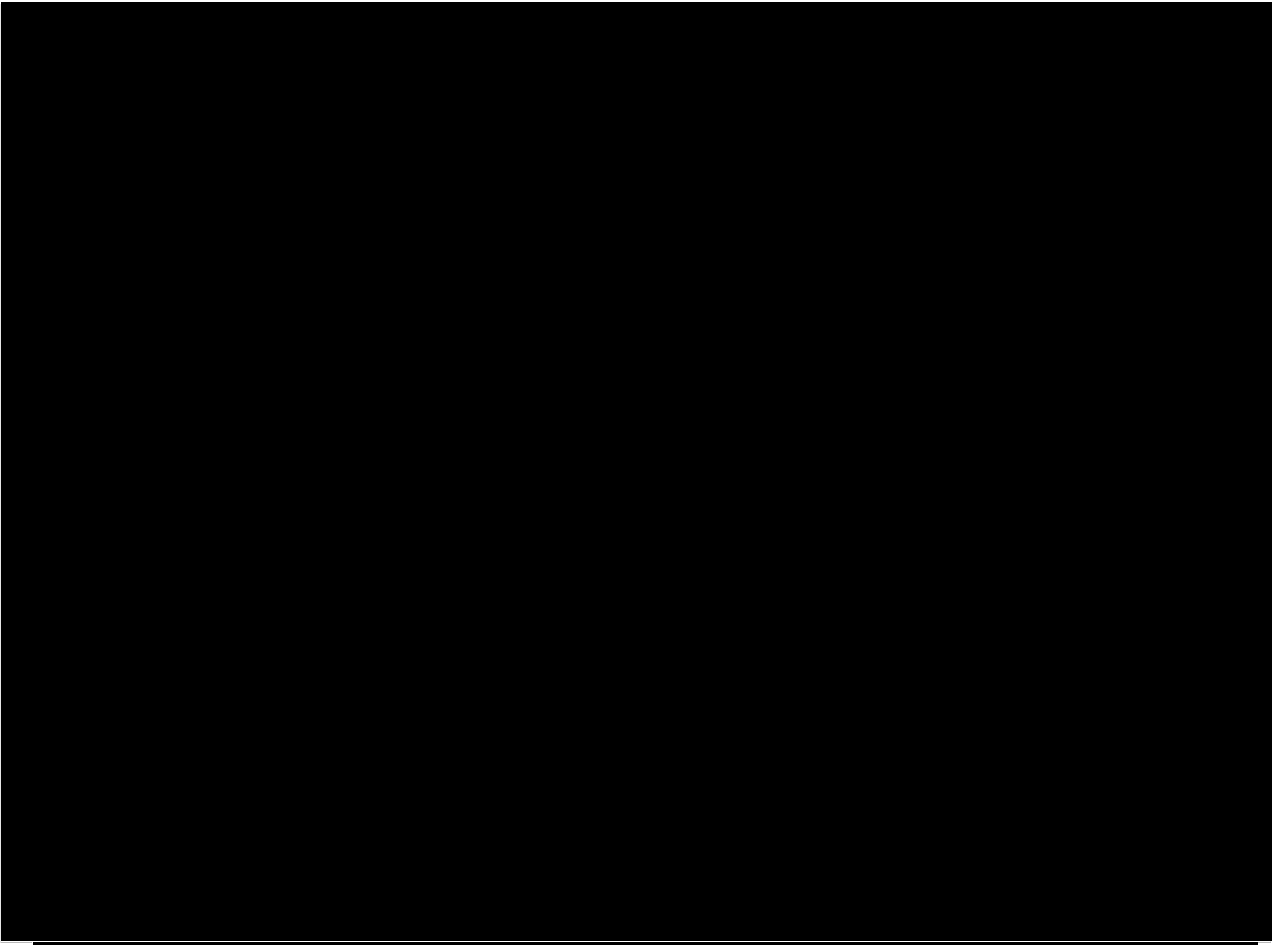
[REDACTED]

#3

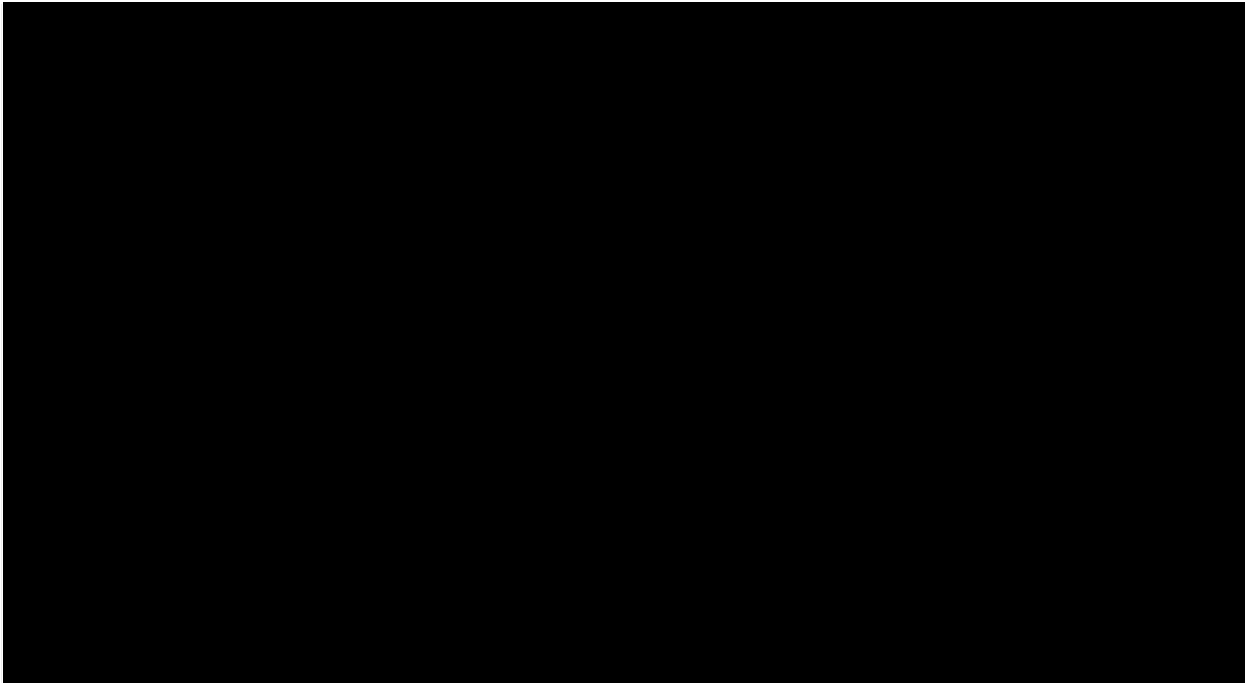
[REDACTED]

#4

[REDACTED]



#5



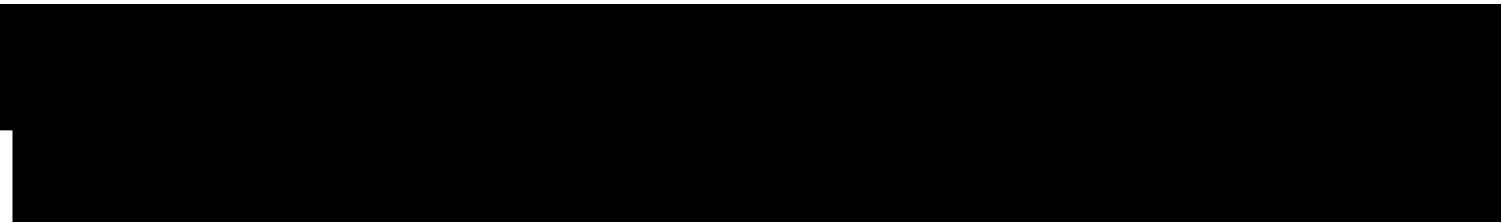


Part C



**From:** Bahadori, Tina  
**Sent:** Friday, December 29, 2017 5:39 PM  
**To:** Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>  
**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>  
**Subject:** Re: Denka/Chloroprene Request for Correction - For Review

Thank you Bruce for this excellent feedback. You hit the nail on the head about some of the issues we were also debating. We will incorporate your feedback, but if needed may set up a call with you to strategize on language.




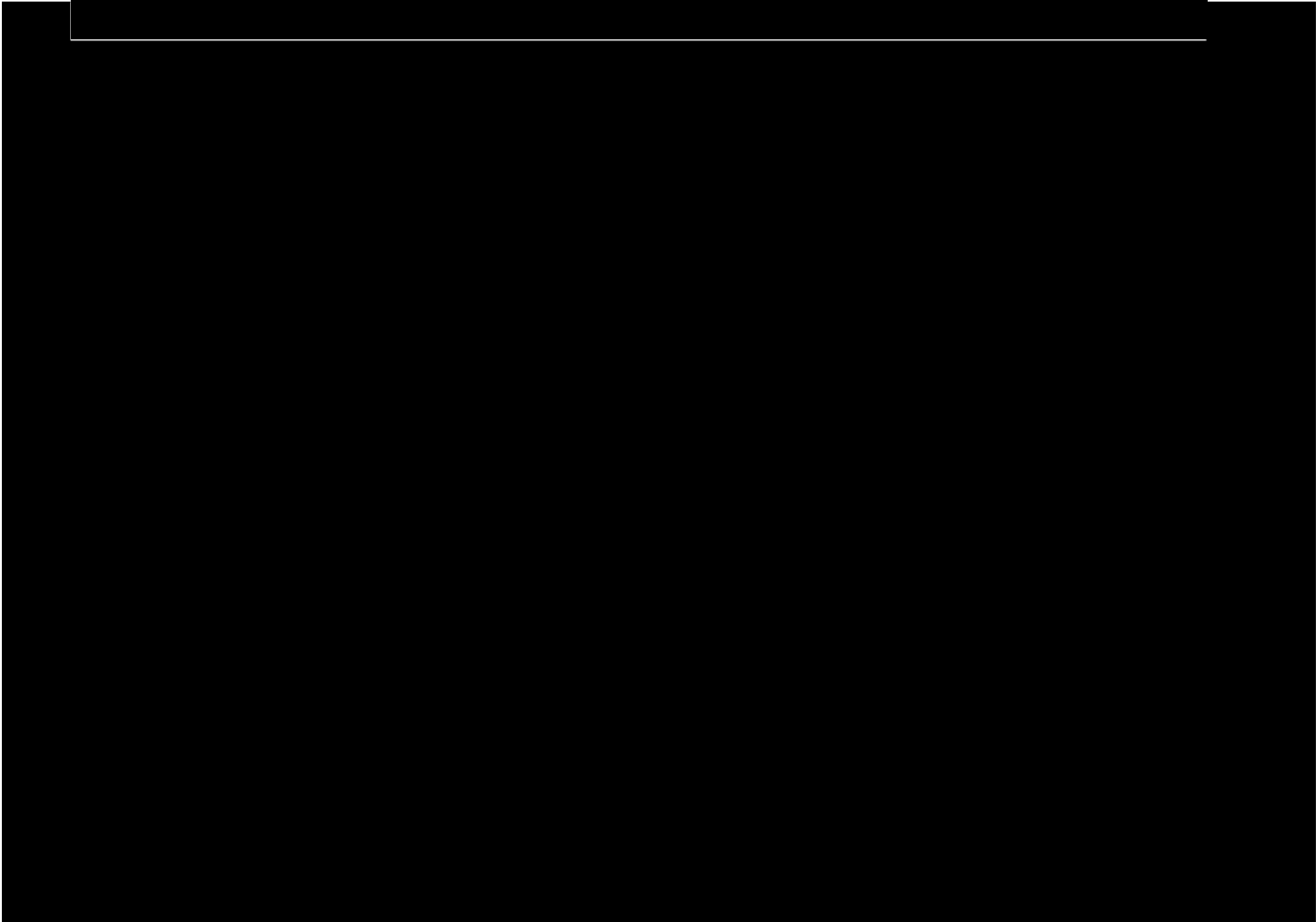
Have a very Happy New Year. See you on the other side.

Tina

On Dec 29, 2017, at 2:20 PM, Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)> wrote:

Tina et al.,

Hi. Nicely written responses. A few minor comments, one question:

A large rectangular area of the document is completely redacted with a solid black fill.A large rectangular area of the document is completely redacted with a solid black fill.



Bruce D. Rodan

Associate Director for Science

U.S. EPA, Office of Research and Development

**From:** Bahadori, Tina

**Sent:** Thursday, December 21, 2017 11:04 AM

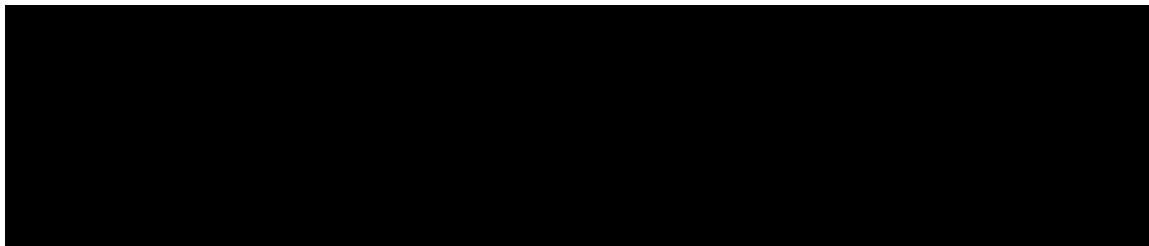
**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>

**Cc:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Denka/Chloroprene Request for Correction - For Review

Hello Everyone,

My apologies for bombarding you with requests – unfortunately we have some hefty deadlines in January. Recall that an NCEA team led by John Vandenberg and Kris Thayer have been working on a Response to a Request for Correction by Denka Polymers about the IRIS Chloroprene Assessment. Attached for your review is the current draft of the response to Denka that has two parts:





**As you know OEI has the lead on Requests for Correction.** And as you see below, OEI is already sharing this document with OMB to get their input on this version of the documents that has had input from OAR, OGC, OEI, and of course across NCEA. The deadline for responding to Denka is late January – although again, OEI controls the timeline for the process.

I am available to answer any questions you may have. It would be great to have your input by January 8<sup>th</sup>.

Thank you,

Tina

202-564-7903

**From:** Vandenberg, John  
**Sent:** Thursday, December 21, 2017 10:29 AM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>  
**Subject:** Fwd: EPA response - RFC 17002 IRIS Chloroprene

Heads up! Kevin went ahead and sent to OMB.

Sent from my iPhone

Begin forwarded message:

**From:** "Kirby, Kevin" <[KIRBY.KEVIN@EPA.GOV](mailto:KIRBY.KEVIN@EPA.GOV)>  
**Date:** December 21, 2017 at 10:26:55 AM EST  
**To:** "James H Kim@OMB.gov" <[James\\_H\\_Kim@OMB.gov](mailto:James_H_Kim@OMB.gov)>  
**Cc:** "Vandenberg, John" <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>, "Holloman, Vincia" <[Holloman.Vincia@epa.gov](mailto:Holloman.Vincia@epa.gov)>

**Subject: EPA response - RFC 17002 IRIS Chloroprene**

Hello Jim,

Attached is EPA's draft response to RFC #17002, dealing with the IRIS assessment of chloroprene. The information owners in ORD prepared this draft and it has been reviewed by EPA Quality Staff and our OGC.

Could you please provide us with any comments or suggestions you may have on this draft response.

Thanks,

Kevin

Kevin J. Kirby,

Enterprise Data Architect

Enterprise Quality Management Division

Office of Enterprise Information Programs

Office of Environmental Information

US Environmental Protection Agency

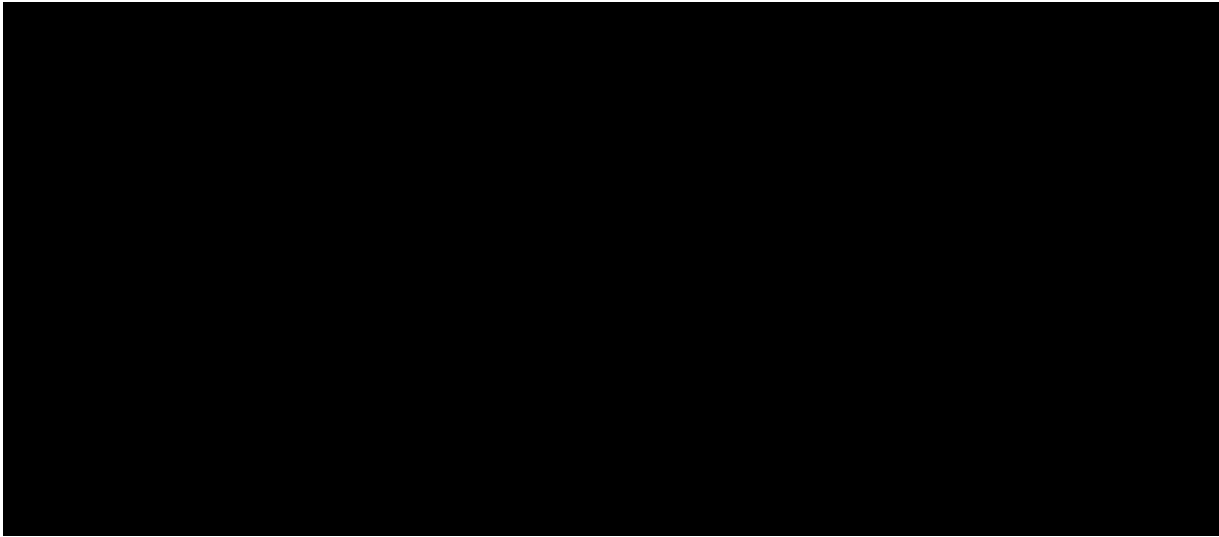
(202) 566-1656 desk

Exemption 6

**To:** Fleming, Megan[Fleming.Megan@epa.gov]  
**Cc:** Bahadori, Tina[Bahadori.Tina@epa.gov]; Thayer, Kris[thayer.kris@epa.gov]  
**From:** Vandenberg, John  
**Sent:** Tue 1/9/2018 5:40:03 PM  
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Megan,

Thanks very much, its very helpful to have all the IOAA comments in one file.



Thanks,

John

**From:** Fleming, Megan  
**Sent:** Tuesday, January 09, 2018 12:30 PM  
**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>  
**Cc:** Christian, Megan <Christian.Megan@epa.gov>; Kuhn, Kevin <Kuhn.Kevin@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>; Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>; Perry, Dale <Perry.Dale@epa.gov>

**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Tina,

The IOAA's review is complete for ORD's response to the Chloroprene RfC. The IOAA concurs with this moving forward assuming comments are addressed. Attached is the compilation of comments from Bruce, Richard, and Jennifer. (You have already seen the comments from Bruce and Richard in separate emails from them, but this is the full compilation.) Please let me know if there are any questions.

Best,

Megan

Megan Fleming

Immediate Office of the Assistant Administrator

U.S. EPA Office of Research and Development

1200 Pennsylvania Avenue, N.W.

Washington, D.C. 20460

202-564-6604 (desk),

Exemption 6

**From:** Fleming, Megan

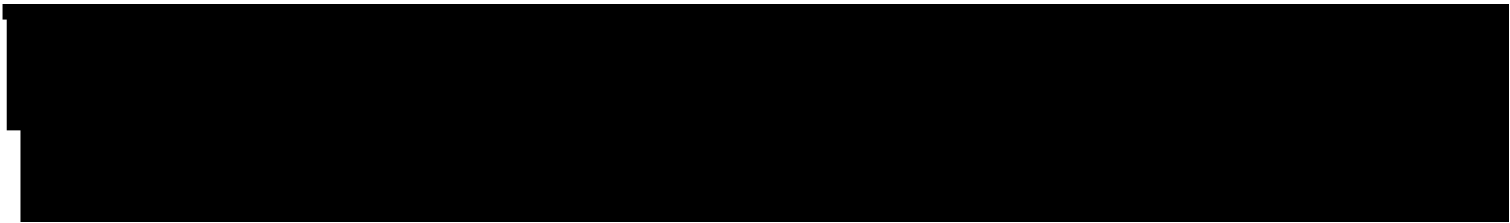
**Sent:** Monday, January 08, 2018 1:53 PM

**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>

**Cc:** Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>

**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Tina – an update on this: the ORD response letter for the Chloroprene RfC is with Jennifer. We hope to get this back to you by tomorrow.



Thanks,  
Megan

**From:** Fleming, Megan  
**Sent:** Friday, January 5, 2018 10:10 AM  
**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>  
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Yes, will do. Thanks, Tina!

Megan Fleming

Immediate Office of the Assistant Administrator

U.S. EPA Office of Research and Development

1200 Pennsylvania Avenue, N.W.

Washington, D.C. 20460

202-564-6604 (desk)

Exemption 6

**From:** Bahadori, Tina  
**Sent:** Thursday, January 04, 2018 8:04 PM  
**To:** Fleming, Megan <Fleming.Megan@epa.gov>  
**Cc:** Christian, Megan <Christian.Megan@epa.gov>; Kuhn, Kevin <Kuhn.Kevin@epa.gov>; Branch, Danielle <branch.danielle@epa.gov>; McPherson, Mark <McPherson.Mark@epa.gov>; Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>  
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Megan,

So great to know. Right now, you don't need to consolidate because we have already started

working on Bruce's and Richard's issues. Just send us Jennifer's as soon as you can.

Thanks again,

Tina

**From:** Fleming, Megan

**Sent:** Thursday, January 4, 2018 5:03 PM

**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>

**Cc:** Christian, Megan <Christian.Megan@epa.gov>; Kuhn, Kevin <Kuhn.Kevin@epa.gov>; Branch, Danielle <branch.danielle@epa.gov>; McPherson, Mark <McPherson.Mark@epa.gov>; Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>

**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Tina – Thanks for asking. IOAA review is not yet complete as Jennifer still needs to review. (You probably saw her response.) You will receive 3 separate responses this time (Bruce, Richard, and Jennifer), and I can consolidate into one IOAA response if that's helpful. I'm the Special Assistant POC for all IRIS-related reviews, so this is in my wheel house. We're working on the IOAA process now to streamline reviews, so hopefully next time this will be clearer.

Thank you,

Megan

Megan Fleming

Immediate Office of the Assistant Administrator

U.S. EPA Office of Research and Development

1200 Pennsylvania Avenue, N.W.

Washington, D.C. 20460

202-564-6604 (desk

Exemption 6

**From:** Bahadori, Tina

**Sent:** Thursday, January 04, 2018 4:45 PM

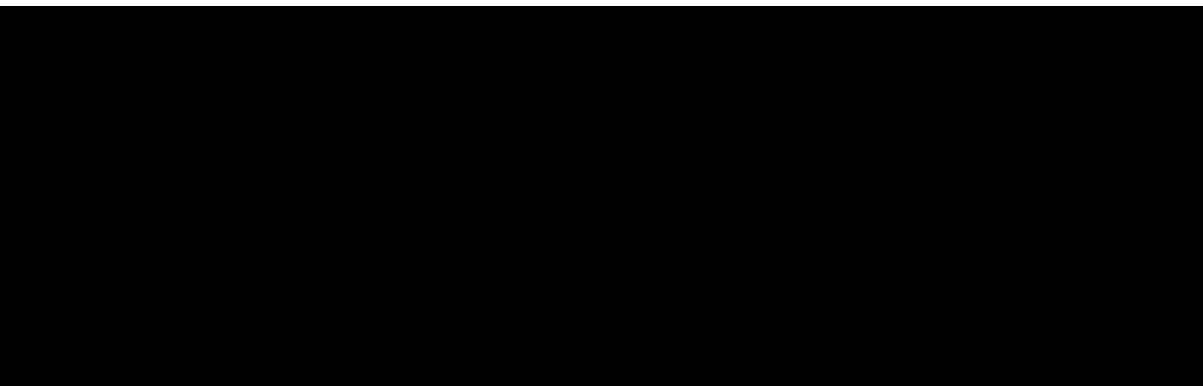
**To:** Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>

**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Richard,

Thanks very much for getting back to us and for your feedback. We will review materials and provide answers to your questions soon, likely next week.



Thanks again – we know we put a lot on your plates over the past few weeks.

Tina

**From:** Yamada, Richard (Yujiro)

**Sent:** Thursday, January 4, 2018 3:03 PM

**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>

**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

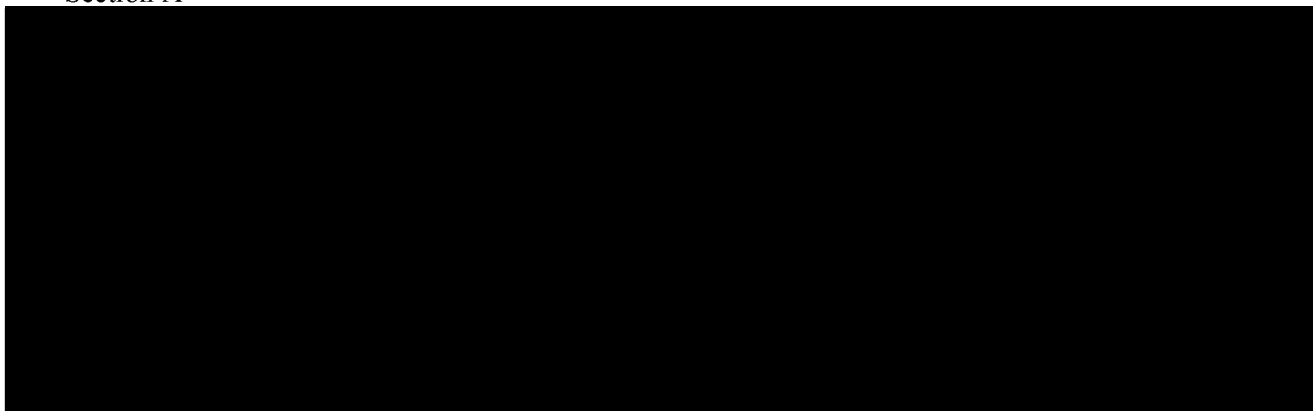
**Subject:** RE: Denka/Chloroprene Request for Correction - For Review

Hi Everyone,

A few comments and edits to the report. Some of the questions below are for internal purposes but I would like to know the answers (I don't have the original DPC doc in front of me). I enjoyed reading the systematic review doc – happy new year everyone,

Richard

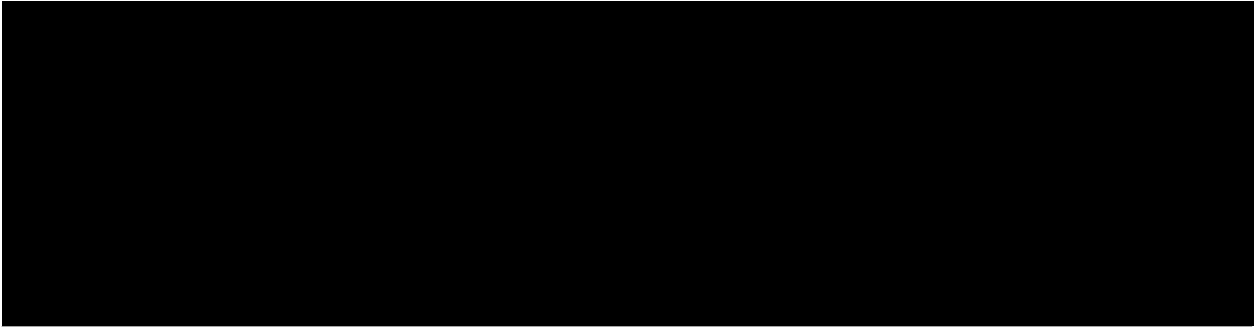
Section A



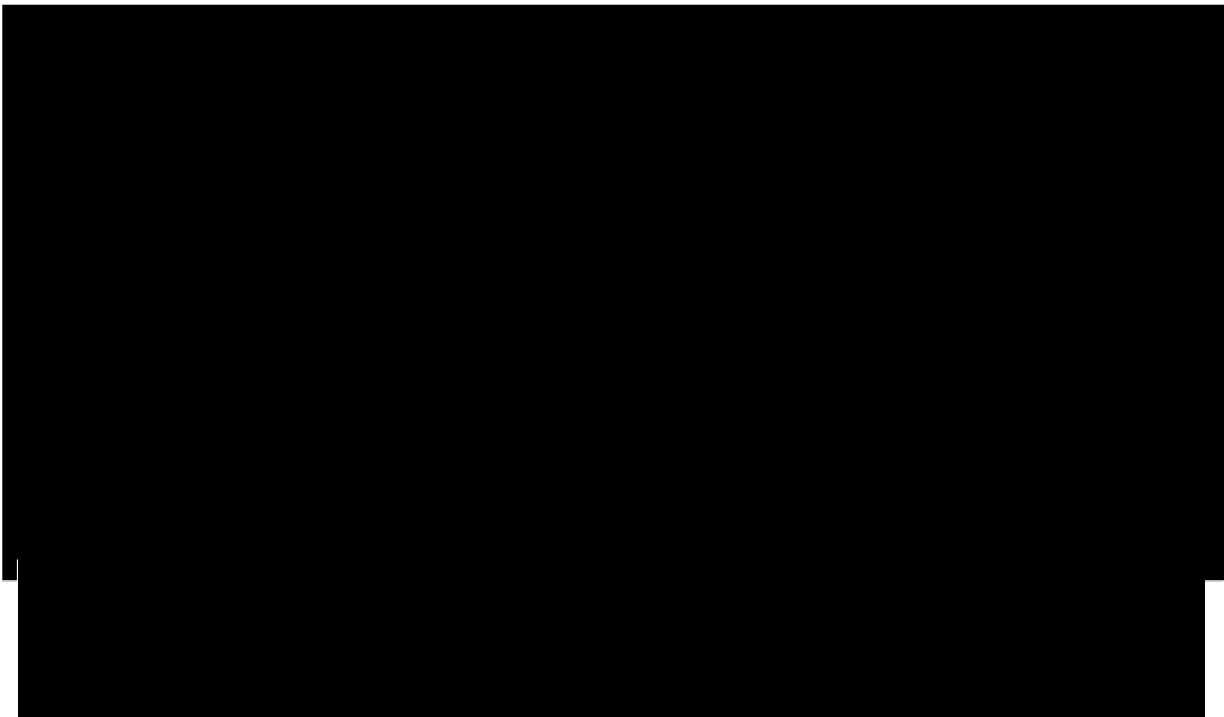
Section B



#1



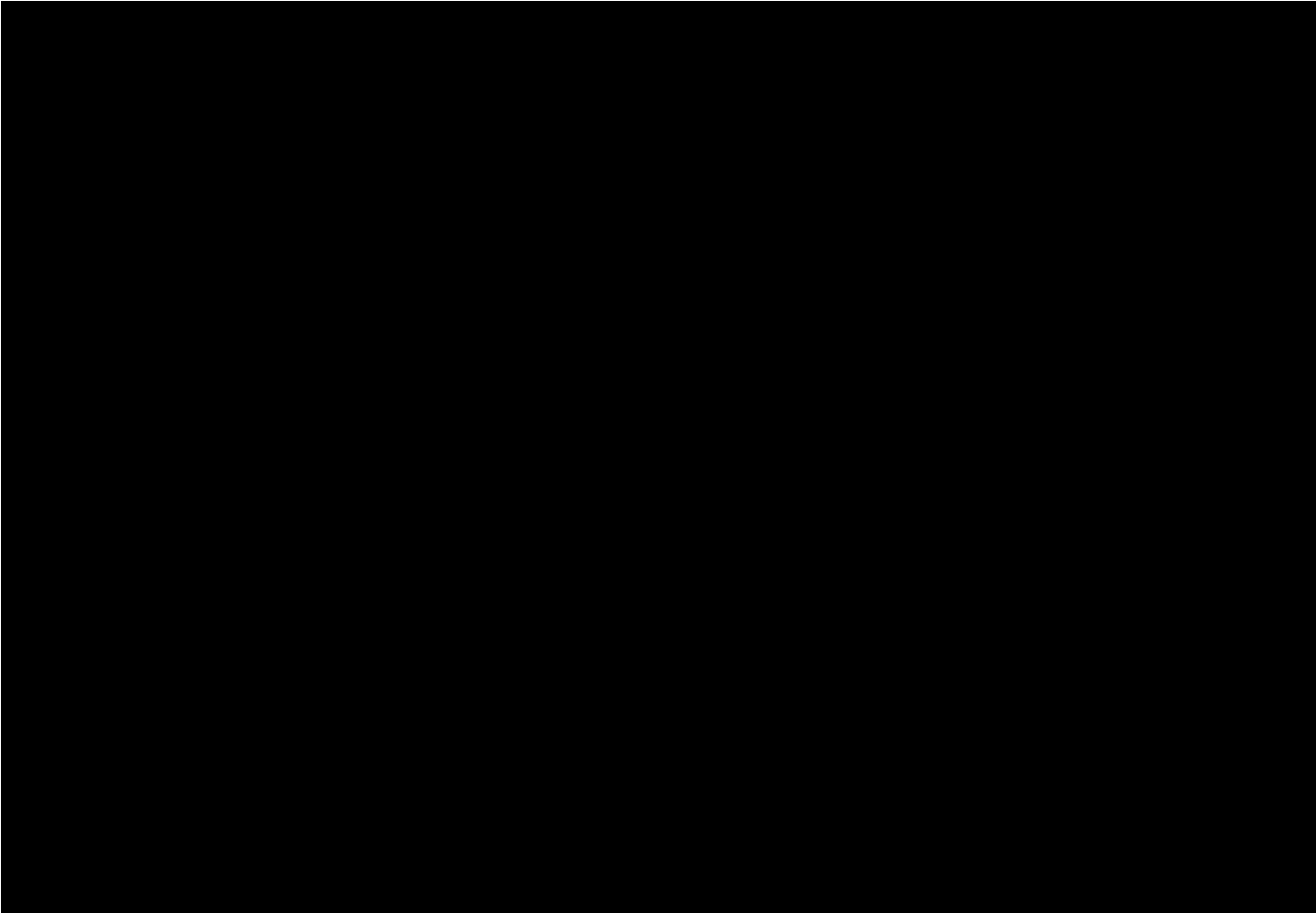
#2



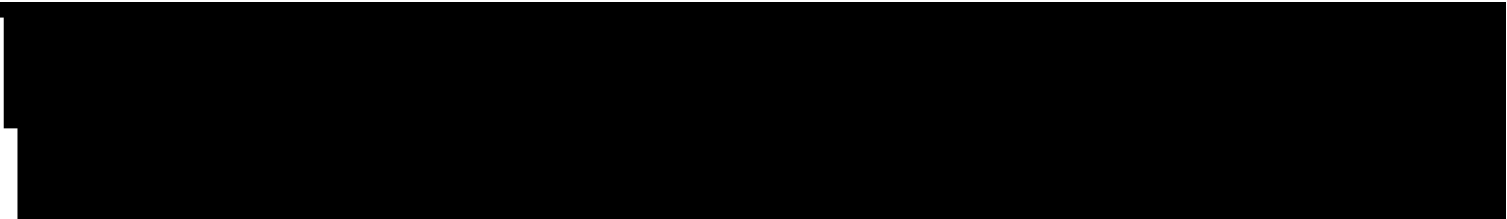
#3

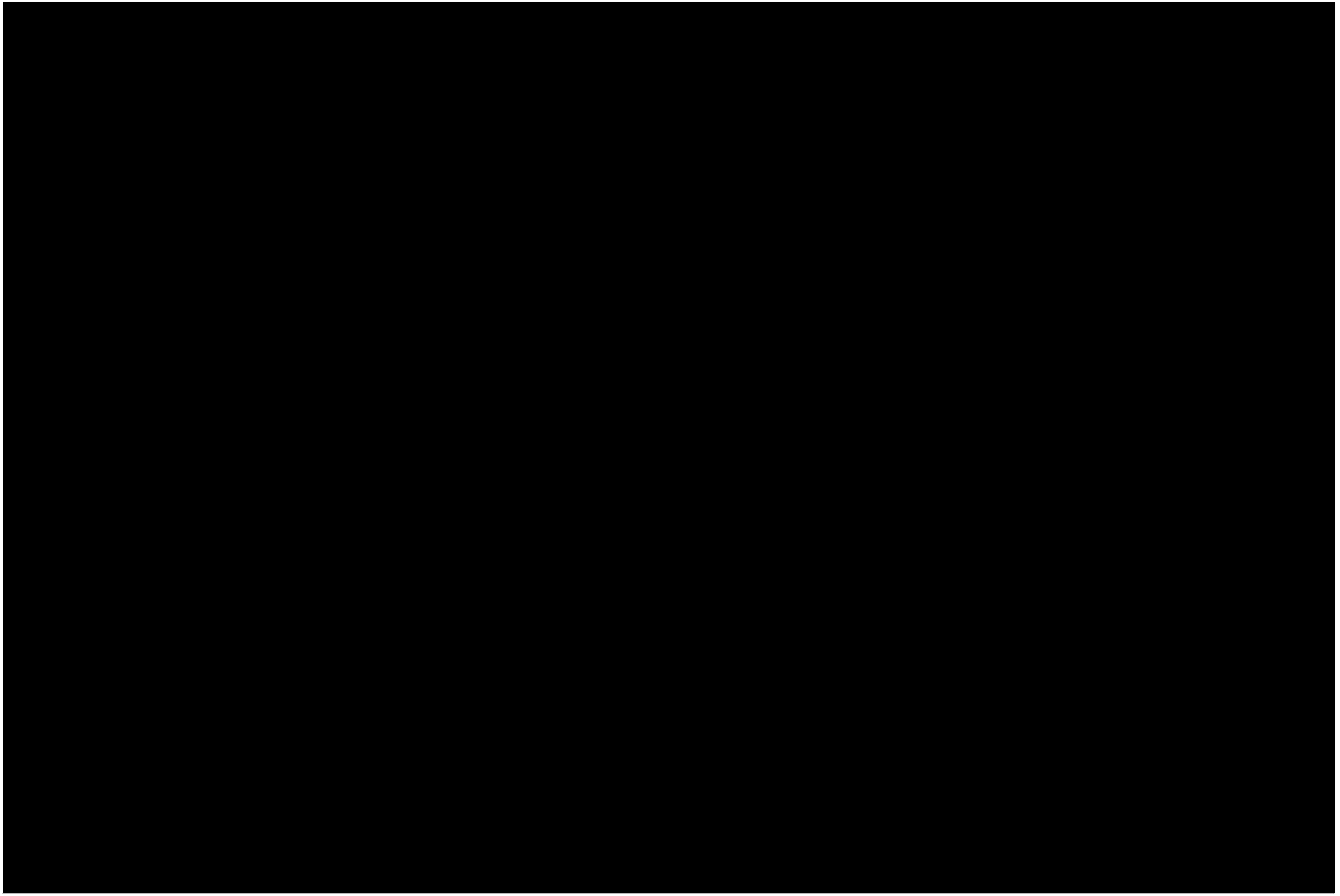


#4

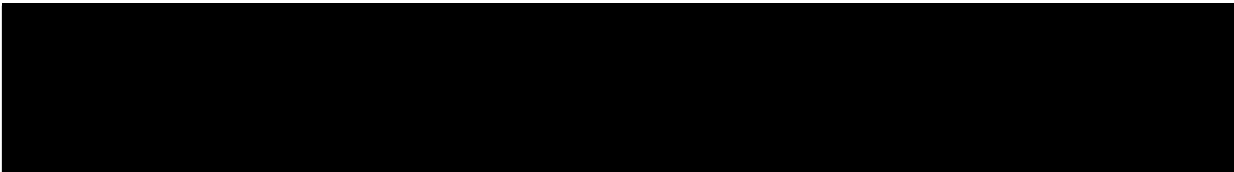


#5





Part C



**From:** Bahadori, Tina  
**Sent:** Friday, December 29, 2017 5:39 PM

**To:** Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>

**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Re: Denka/Chloroprene Request for Correction - For Review

Thank you Bruce for this excellent feedback. You hit the nail on the head about some of the issues we were also debating. We will incorporate your feedback, but if needed may set up a call with you to strategize on language.

Have a very Happy New Year. See you on the other side.

Tina

On Dec 29, 2017, at 2:20 PM, Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)> wrote:

Tina et al.,

Hi. Nicely written responses. A few minor comments, one question:

[REDACTED]

[REDACTED]



Bruce D. Rodan

Associate Director for Science

U.S. EPA, Office of Research and Development

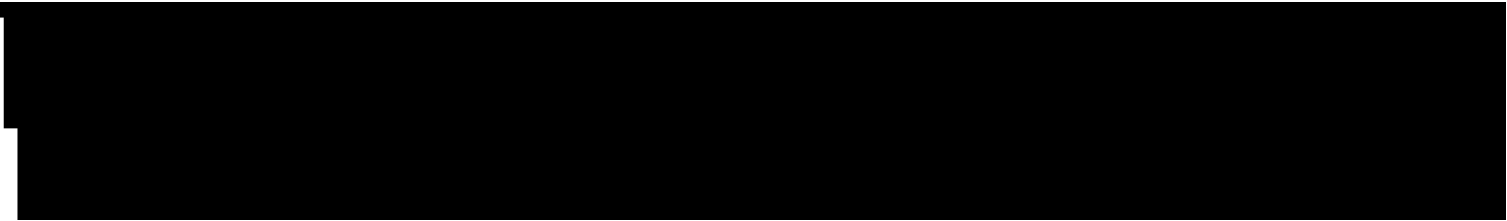
**From:** Bahadori, Tina

**Sent:** Thursday, December 21, 2017 11:04 AM

**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>; Yamada, Richard (Yujiro) <[yamada.richard@epa.gov](mailto:yamada.richard@epa.gov)>

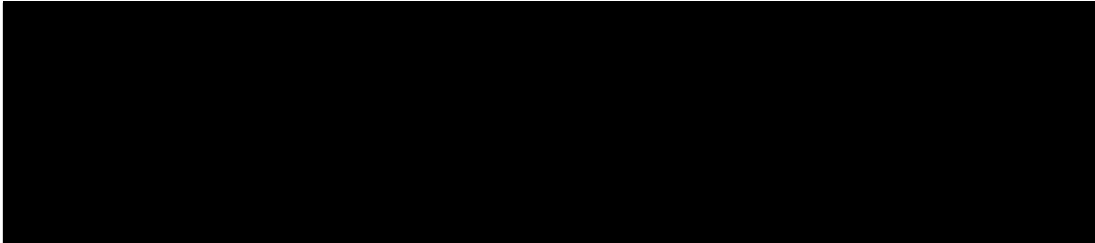
**Cc:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Jones, Samantha <[Jones.Samantha@epa.gov](mailto:Jones.Samantha@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Robbins, Chris <[Robbins.Chris@epa.gov](mailto:Robbins.Chris@epa.gov)>; Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Perry, Dale <[Perry.Dale@epa.gov](mailto:Perry.Dale@epa.gov)>

**Subject:** Denka/Chloroprene Request for Correction - For Review



Hello Everyone,

My apologies for bombarding you with requests – unfortunately we have some hefty deadlines in January. Recall that an NCEA team led by John Vandenberg and Kris Thayer have been working on a Response to a Request for Correction by Denka Polymers about the IRIS Chloroprene Assessment. Attached for your review is the current draft of the response to Denka that has two parts:



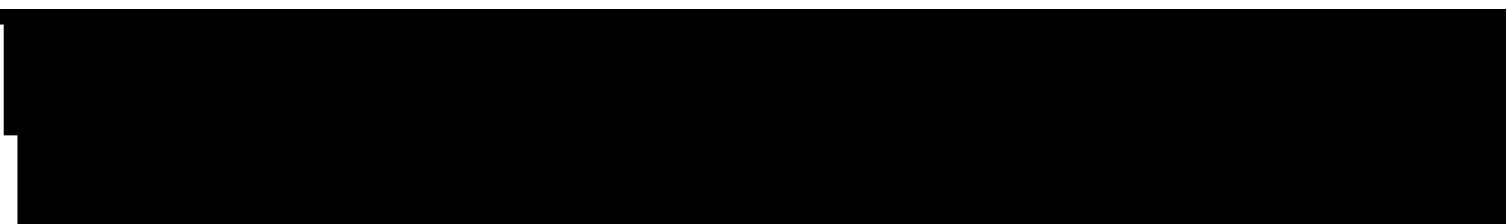
**As you know OEI has the lead on Requests for Correction.** And as you see below, OEI is already sharing this document with OMB to get their input on this version of the documents that has had input from OAR, OGC, OEI, and of course across NCEA. The deadline for responding to Denka is late January – although again, OEI controls the timeline for the process.

I am available to answer any questions you may have. It would be great to have your input by January 8<sup>th</sup>.

Thank you,

Tina

202-564-7903



**From:** Vandenberg, John  
**Sent:** Thursday, December 21, 2017 10:29 AM  
**To:** Bahadori, Tina <Bahadori.Tina@epa.gov>  
**Subject:** Fwd: EPA response - RFC 17002 IRIS Chloroprene

Heads up! Kevin went ahead and sent to OMB.

Sent from my iPhone

Begin forwarded message:

**From:** "Kirby, Kevin" <KIRBY.KEVIN@EPA.GOV>  
**Date:** December 21, 2017 at 10:26:55 AM EST  
**To:** "James H Kim@OMB.gov" <James\_H\_Kim@OMB.gov>  
**Cc:** "Vandenberg, John" <Vandenberg.John@epa.gov>, "Holloman, Vincia" <Holloman.Vincia@epa.gov>  
**Subject:** EPA response - RFC 17002 IRIS Chloroprene

Hello Jim,

Attached is EPA's draft response to RFC #17002, dealing with the IRIS assessment of chloroprene. The information owners in ORD prepared this draft and it has been reviewed by EPA Quality Staff and our OGC.

Could you please provide us with any comments or suggestions you may have on this draft response.

Thanks,

Kevin

Kevin J. Kirby,

Enterprise Data Architect

Enterprise Quality Management Division

Office of Enterprise Information Programs

Office of Environmental Information

US Environmental Protection Agency

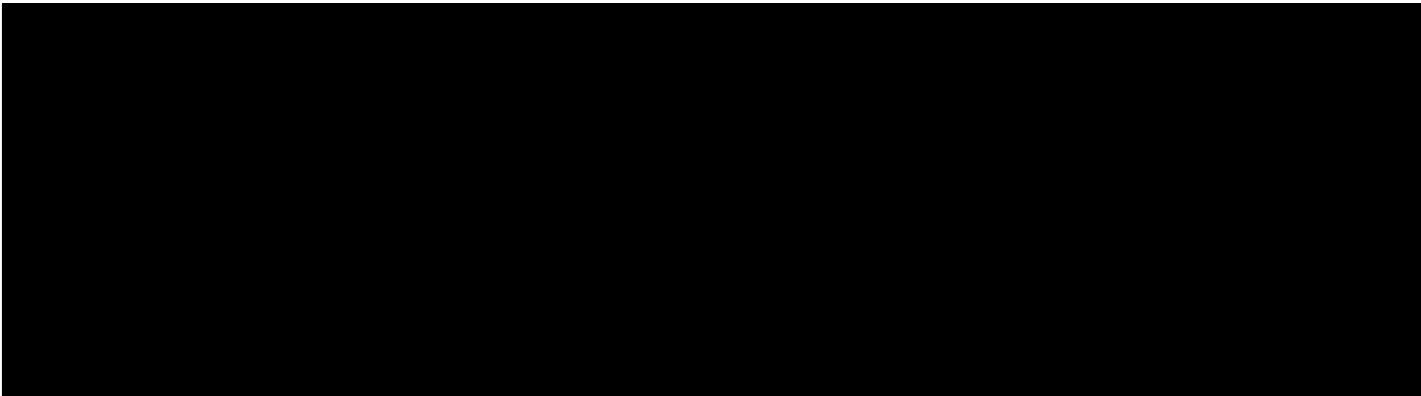
(202) 566-1656 desk

Exemption 6



**To:** Vandenberg, John[Vandenberg.John@epa.gov]  
**From:** Vandenberg, John  
**Sent:** Tue 1/2/2018 5:54:05 PM  
**Subject:** FW: Denka/Chloroprene Request for Correction - For Review

**From:** Thayer, Kris  
**Sent:** Friday, December 29, 2017 11:51 PM  
**To:** Davis, Allen <Davis.Allen@epa.gov>; Sasso, Alan <Sasso.Alan@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>  
**Cc:** Berner, Ted <Berner.Ted@epa.gov>; Bahadori, Tina <Bahadori.Tina@epa.gov>  
**Subject:** FW: Denka/Chloroprene Request for Correction - For Review



**From:** Bahadori, Tina  
**Sent:** Friday, December 29, 2017 10:39 PM  
**To:** Rodan, Bruce <rodan.bruce@epa.gov>  
**Cc:** Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Robbins, Chris <Robbins.Chris@epa.gov>; Yamada, Richard (Yujiro) <yamada.richard@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>; Christian, Megan <Christian.Megan@epa.gov>; Fleming, Megan <Fleming.Megan@epa.gov>; Kuhn, Kevin <Kuhn.Kevin@epa.gov>; Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>; Perry, Dale <Perry.Dale@epa.gov>  
**Subject:** Re: Denka/Chloroprene Request for Correction - For Review

Thank you Bruce for this excellent feedback. You hit the nail on the head about some of the